

# Lyn A Hinds

## List of Publications by Year in descending order

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98  
papers

2,133  
citations

201385

27  
h-index

288905

40  
g-index

100  
all docs

100  
docs citations

100  
times ranked

1464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Infertility in Mice Induced by a Recombinant Ectromelia Virus Expressing Mouse Zona Pellucida Glycoprotein 31. <i>Biology of Reproduction</i> , 1998, 58, 152-159.	1.2	120
2	Plasma progesterone levels in the pregnant and non-pregnant tammar, <i>Macropus eugenii</i> . <i>Journal of Endocrinology</i> , 1982, 93, 99-107.	1.2	78
3	Differential temporal expression of milk miRNA during the lactation cycle of the marsupial tammar wallaby ( <i>Macropus eugenii</i> ). <i>BMC Genomics</i> , 2014, 15, 1012.	1.2	76
4	Fertility control of wild mouse populations: the effects of hormonal competence and an imposed level of sterility. <i>Wildlife Research</i> , 1999, 26, 579.	0.7	69
5	Postnatal development of the telencephalon of the tammar wallaby ( <i>Macropus eugenii</i> ). <i>Anatomy and Embryology</i> , 1985, 173, 81-94.	1.5	62
6	Community Composition and Density of Methanogens in the Foregut of the Tammar Wallaby ( <i>Macropus eugenii</i> ). <i>Journal of Applied Microbiology</i> , 2007, 104, 1075-1084.	1.4	57
7	Biological control of vertebrate pests using virally vectored immunocontraception. <i>Journal of Reproductive Immunology</i> , 2006, 71, 102-111.	0.8	56
8	Biological control of the cane toad in Australia: a review. <i>Animal Conservation</i> , 2010, 13, 16-23.	1.5	52
9	Hormonal changes at oestrus, parturition and post-partum oestrus in the tammar wallaby ( <i>Macropus eugenii</i> ). <i>Journal of Reproductive Immunology</i> , 2006, 71, 112-121.	1.2	50
10	Prolactin in the Marsupial <i>Macropus Eugenii</i> , During the Estrous Cycle, Pregnancy and Lactation. <i>Biology of Reproduction</i> , 1982, 26, 391-398.	1.2	48
11	Seasonal patterns of circulating progesterone and prolactin and response to bromocriptine in the female tammar <i>Macropus eugenii</i> . <i>General and Comparative Endocrinology</i> , 1984, 53, 58-68.	0.8	48
12	Examination of the Immunocontraceptive Potential of Recombinant Rabbit Fertilin Subunits in Rabbit. <i>Biology of Reproduction</i> , 1997, 57, 879-886.	1.2	48
13	Anti-fertility effect of levonorgestrel and quinestrol in Brandt's voles ( <i>Lasiopodomys brandtii</i> ). <i>Integrative Zoology</i> , 2007, 2, 260-268.	1.3	48
14	A bait-delivered immunocontraceptive vaccine for the European red fox ( <i>Vulpes vulpes</i> ) by the year 2002?. <i>Reproduction, Fertility and Development</i> , 1997, 9, 111.	0.1	46
15	Hormones of oestrus and ovulation and their manipulation in marsupials. <i>Reproduction, Fertility and Development</i> , 1996, 8, 661.	0.1	44
16	Fertility control of rodent pests. <i>Wildlife Research</i> , 2008, 35, 487.	0.7	42
17	Chicken GnRH II occurs together with mammalian GnRH in a South American species of marsupial ( <i>Monodelphis domestica</i> ). <i>Peptides</i> , 1990, 11, 521-525.	1.2	39
18	Blood-brain, blood-cerebrospinal fluid and cerebrospinal fluid-brain barriers in a marsupial ( <i>Macropus eugenii</i> ). <i>Journal of Applied Microbiology</i> , 2007, 104, 1075-1084.	1.3	37

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19	A longitudinal study of the protein components of marsupial milk from birth to weaning in the tammar wallaby ( <i>Macropus eugenii</i> ). <i>Developmental and Comparative Immunology</i> , 2009, 33, 152-161.	1.0	37
20	An observational study of the microbiome of the maternal pouch and saliva of the tammar wallaby, <i>Macropus eugenii</i> , and of the gastrointestinal tract of the pouch young. <i>Microbiology (United Kingdom)</i> , 2017, 157, 50-69.	0.7	10
21	Population responses to sterility imposed on female European rabbits. <i>Journal of Applied Ecology</i> , 2007, 44, 291-301.	1.9	32
22	Comparative Pathology of Pulmonary Hydatid Cysts in Macropods and Sheep. <i>Journal of Comparative Pathology</i> , 2011, 144, 113-122.	0.1	32
23	Reproductive-Biology and the Potential for Genetic-Studies in the Tammar Wallaby, <i>Macropus-Eugenii</i> . <i>Australian Journal of Zoology</i> , 1989, 37, 223.	0.6	31
24	Influence of the immature testis on sexual differentiation in the tammar wallaby, <i>Macropus eugenii</i> (Macropodidae: Marsupialia). <i>Reproduction, Fertility and Development</i> , 1989, 1, 243.	0.1	31
25	Prospects for the future: is there a role for virally vectored immunocontraception in vertebrate pest management?. <i>Wildlife Research</i> , 2007, 34, 555.	0.7	31
26	A review of complementary mechanisms which protect the developing marsupial pouch young. <i>Developmental and Comparative Immunology</i> , 2012, 37, 213-220.	1.0	31
27	Prospects for virally vectored immunocontraception in the control of wild house mice ( <i>Mus</i> ). <i>Reproduction, Fertility and Development</i> , 2011, 23, 107-114.	0.7	27
28	Development of repressible sterility to prevent the establishment of feral populations of exotic and genetically modified animals. <i>Aquaculture</i> , 2009, 290, 104-109.	1.7	27
29	Plasma progesterone through pregnancy and the estrous cycle in the eastern quoll, <i>Dasyurus viverrinus</i> . <i>General and Comparative Endocrinology</i> , 1989, 75, 110-117.	0.8	26
30	The status of fertility control for rodents—recent achievements and future directions. <i>Integrative Zoology</i> , 2022, 17, 964-980.	1.3	26
31	Control of pregnancy, parturition and luteolysis in marsupials. <i>Reproduction, Fertility and Development</i> , 1990, 2, 535.	0.1	25
32	Precocious development of hydatid cysts in a macropodid host. <i>International Journal for Parasitology</i> , 2007, 37, 1379-1389.	1.3	25
33	Immunocontraception in mice using repeated, multi-antigen peptides: immunization with purified recombinant antigens. <i>Molecular Reproduction and Development</i> , 2008, 75, 126-135.	1.0	25
34	Mammalian development does not recapitulate suspected key transformations in the evolutionary detachment of the mammalian middle ear. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152606.	1.2	24
35	Testing hypotheses of developmental constraints on mammalian brain partition evolution, using marsupials. <i>Scientific Reports</i> , 2017, 7, 4241.	1.6	24
36	Plasma progesterone concentrations during pregnancy in the dasyurid marsupial, <i>Antechinus stuartii</i> : relationship with differentiation of the embryo. <i>Reproduction, Fertility and Development</i> , 1990, 2, 61.	0.1	23

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37	Could current fertility control methods be effective for landscape-scale management of populations of wild horses ( <i>Equus caballus</i> ) in Australia?. <i>Wildlife Research</i> , 2018, 45, 195.	0.7	23
38	The reproductive performance of female red foxes, <i>Vulpes vulpes</i> , in central-western New South Wales during and after a drought. <i>Canadian Journal of Zoology</i> , 2001, 79, 545-553.	0.4	22
39	Breeding ecology of rice field rats, <i>Rattus argentiventer</i> and <i>R. tanezumi</i> in lowland irrigated rice systems in the Philippines. <i>Agriculture, Ecosystems and Environment</i> , 2012, 161, 39-45.	2.5	22
40	Assessment of the immunocontraceptive effect of a zona pellucida 3 peptide antigen in wild mice. <i>Reproduction, Fertility and Development</i> , 2002, 14, 151.	0.1	22
41	Formulation and delivery of vaccines: Ongoing challenges for animal management. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2012, 4, 258.	0.2	21
42	Conservation agriculture practices have changed habitat use by rodent pests: implications for management of feral house mice. <i>Journal of Pest Science</i> , 2022, 95, 493-503.	1.9	21
43	Selection of antigens for use in a virus-vectored immunocontraceptive vaccine: PH-20 as a case study. <i>Reproduction, Fertility and Development</i> , 1997, 9, 117.	0.1	21
44	Fertility control of rodent pests: a review of the inhibitory effects of plant extracts on ovarian function. <i>Pest Management Science</i> , 2013, 69, 342-354.	1.7	20
45	Production and secretion of progesterone in vitro and presence of platelet activating factor (PAF) in early pregnancy of the marsupial, <i>Macropus eugenii</i> . <i>Reproduction, Fertility and Development</i> , 1993, 5, 15.	0.1	19
46	Comparative NMR studies of diffusional water permeability of erythrocytes from some animals introduced to Australia: Rat rabbit and sheep. <i>Comparative Haematology International</i> , 1994, 4, 232-235.	0.5	19
47	The tammar wallaby: A marsupial model to examine the timed delivery and role of bioactives in milk. <i>General and Comparative Endocrinology</i> , 2017, 244, 164-177.	0.8	19
48	Ovarian function and its manipulation in the tammar wallaby, <i>Macropus eugenii</i> . <i>Reproduction, Fertility and Development</i> , 1993, 5, 27.	0.1	17
49	Experimental infection of European red foxes ( <i>Vulpes vulpes</i> ) with canine herpesvirus. <i>Veterinary Microbiology</i> , 2001, 83, 217-233.	0.8	16
50	Efficacy of the EG95 hydatid vaccine in a macropodid host, the tammar wallaby. <i>Parasitology</i> , 2009, 136, 461-468.	0.7	16
51	Changes in Prolactin in Peripheral Plasma during Lactation in the Brushtail Possum <i>Trichosurus vulpecula</i> . <i>Australian Journal of Biological Sciences</i> , 1986, 39, 171.	0.5	14
52	Blood O <sub>2</sub> transport and Hb types in the embryonic Tammar Wallaby (marsupialia, <i>Macropus eugenii</i> ). <i>Respiration Physiology</i> , 1993, 91, 99-109.	2.8	14
53	Introduction - virally vectored immunocontraception in Australia. <i>Wildlife Research</i> , 2007, 34, 507.	0.7	13
54	The microbiome of the cloacal openings of the urogenital and anal tracts of the tammar wallaby, <i>Macropus eugenii</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 1535-1543.	0.7	13

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55	Long-term effects of corticosteroid administration in the tammar wallaby, <i>Macropus eugenii</i> . <i>General and Comparative Endocrinology</i> , 1981, 45, 56-60.	0.8	12
56	Proteomic analysis of early lactation milk of the tammar wallaby ( <i>Macropus eugenii</i> ). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2007, 2, 150-164.	0.4	12
57	Progesterone concentration in the marsupial <i>Sminthopsis macroura</i> : relationship with the conceptus, uterine glandular regeneration and body weight. <i>Reproduction</i> , 2009, 137, 107-117.	1.1	12
58	Marsupial tammar wallaby delivers milk bioactives to altricial pouch young to support lung development. <i>Mechanisms of Development</i> , 2016, 142, 22-29.	1.7	12
59	The reproductive performance of female red foxes, <i>Vulpes vulpes</i> , in central-western New South Wales during and after a drought. <i>Canadian Journal of Zoology</i> , 2001, 79, 545-553.	0.4	11
60	Is the reproductive potential of wild house mice regulated by extrinsic or intrinsic factors?. <i>Austral Ecology</i> , 2007, 32, 202-209.	0.7	11
61	Acute oral toxicity of zinc phosphide: an assessment for wild house mice ( <i>Mus musculus</i> ). <i>Integrative Zoology</i> , 2023, 18, 63-75.	1.3	11
62	Daily prolactin pulse inhibits the corpus luteum during lactational quiescence in the marsupial, <i>Macropus eugenii</i> . <i>Reproduction, Fertility and Development</i> , 2013, 25, 456.	0.1	10
63	Parenteral administration of GnRH constructs and adjuvants: Immune responses and effects on reproductive tissues of male mice. <i>Vaccine</i> , 2014, 32, 5555-5563.	1.7	10
64	Role of marsupial tammar wallaby milk in lung maturation of pouch young. <i>BMC Developmental Biology</i> , 2015, 15, 16.	2.1	10
65	Animal welfare testing for shooting and darting free-ranging wildlife: a review and recommendations. <i>Wildlife Research</i> , 2021, 48, 577-589.	0.7	10
66	The effects of bromocriptine on lactation and subsequent reproduction in grey kangaroos, <i>Macropus fuliginosus</i> and <i>Macropus giganteus</i> . <i>Reproduction, Fertility and Development</i> , 1994, 6, 705.	0.1	9
67	Plasma Prolactin Concentrations throughout Lactation in the Eastern Quoll, <i>Dasyurus viverrinus</i> (Marsupialia: Dasyuridae). <i>Australian Journal of Biological Sciences</i> , 1986, 39, 179.	0.5	9
68	Fertility control for managing macropods – Current approaches and future prospects. <i>Ecological Management and Restoration</i> , 2021, 22, 147-156.	0.7	9
69	Effects of the ovary, sucking stimulus and season on the pattern of LH and FSH release in the female tammar, <i>Macropus eugenii</i> . <i>Reproduction, Fertility and Development</i> , 1992, 4, 25.	0.1	8
70	Circulating Levels of Prolactin and Progesterone in a Wild Population of Red Kangaroos ( <i>Macropus</i> )	0.8	8
71	Evaluation of Chemical Derivatisation Methods for Protein Identification using MALDI MS/MS. <i>International Journal of Peptide Research and Therapeutics</i> , 2006, 12, 225-235.	0.9	8
72	Reproductive responses of rice field rats ( <i>Rattus argentiventer</i> ) following treatment with the contraceptive hormones, quinestrol and levonorgestrol. <i>Integrative Zoology</i> , 2022, 17, 1017-1027.	1.3	8

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73	Assessing the efficacy of oral intake of insecticides on mortality of fleas and ticks on commensal Rattus species. Journal of Pest Science, 2021, 94, 1543-1553.	1.9	7
74	PREVALENCE OF MOUSE MAMMARY TUMOR VIRUS (MMTV) IN WILD HOUSE MICE (MUS MUSCULIS) IN SOUTHEASTERN AUSTRALIA. Journal of Wildlife Diseases, 2007, 43, 668-674.	0.3	6
75	Preface to 'Fertility Control for Wildlife'. Wildlife Research, 2008, 35, iii.	0.7	6
76	Delayed return to estrus following treatment with the gonadotrophin-releasing hormone agonist, Lucrin® Depot, in the tammar wallaby. Theriogenology, 2018, 115, 108-116.	0.9	6
77	Preventing Genetic Pollution and the Establishment of Feral Populations: A Molecular Solution. , 2007, , 103-114.		6
78	A bipedal mammalian model for spinal cord injury research: The tammar wallaby. F1000Research, 2017, 6, 921.	0.8	6
79	Proteomic analysis of the neutrophil proteins of the tammar wallaby (Macropus eugenii). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2006, 1, 283-291.	0.4	5
80	Efficacy of a combined insecticide-rodenticide product on ectoparasite and commensal rodent mortality. Pest Management Science, 2021, 77, 1160-1168.	1.7	5
81	Effects of background food on alternative grain uptake and zinc phosphide efficacy in wild house mice. Pest Management Science, 2022, 78, 1090-1098.	1.7	5
82	Physical Mapping of Innate Immune Genes, Mucins and Lysozymes, and Other Non-Mucin Proteins in the Tammar Wallaby & (Macropus eugenii). Cytogenetic and Genome Research, 2011, 135, 118-125.	0.6	4
83	Improved house mouse control in the field with a higher dose zinc phosphide bait. Wildlife Research, 2023, 50, 335-343.	0.7	4
84	Prostaglandin alone does not cause luteolysis in the non-pregnant tammar wallaby, Macropus eugenii. Reproduction, Fertility and Development, 1991, 3, 17.	0.1	3
85	Components of the melatonin message in the response to photoperiod of the tammar wallaby (Macropus eugenii). Journal of Pineal Research, 1992, 12, 155-166.	3.4	3
86	Molecular cloning and assessment of the immunocontraceptive potential of the zona pellucida subunit 3 from Brandt's vole (Microtus brandti). Reproduction, Fertility and Development, 2006, 18, 331.	0.1	3
87	Rodent biology and management – who is outsmarting whom?. Wildlife Research, 2011, 38, 539.	0.7	3
88	Single-dose pharmacokinetics of oxytetracycline and penicillin G in tammar wallabies (Macropus) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	3
89	Induction of synchronous oestrus but not ovulation after pre-treatment with the GnRH agonist, Lucrin® Depot, in the tammar wallaby. Theriogenology, 2020, 145, 24-30.	0.9	3
90	Regulation of reproductive tract immunoglobulins by oestradiol-17 <sup>β</sup> in the European Red Fox (Vulpes) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.1	3

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91	Guiding Development of the Neonate: Lessons from Mammalia. Nestle Nutrition Institute Workshop Series, 2019, 90, 203-215.	1.5	2
92	It. Wildlife Research, 2022, , .	0.7	2
93	Rodent management issues in South Pacific islands: a review with case studies from Papua New Guinea and Vanuatu. Wildlife Research, 2017, 44, 587.	0.7	1
94	Corrigendum to: Rodent management issues in South Pacific islands: a review with case studies from Papua New Guinea and Vanuatu. Wildlife Research, 2018, 45, 193.	0.7	1
95	Fox SP10 has no immunocontraceptive effect on European red foxes. Journal of Reproductive Immunology, 1997, 34, 34.	0.8	0
96	Contraceptive vaccine development. , 2002, , 291-304.		0
97	Human chorionic gonadotrophin does not induce ovulation in the tammar wallaby. Australian Mammalogy, 2021, 43, 354.	0.7	0
98	Fertility control of rodent pests: recent developments from lab to field. Integrative Zoology, 2022, 17, 960-963.	1.3	0