Lyn A Hinds

List of Publications by Year
in descending order

98 papers	2,133 citations	201674 27 h-index	289244 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. Biology of Reproduction, 1998, 58, 152-159.	2.7	120
2	Plasma progesterone levels in the pregnant and non-pregnant tammar, Macropus eugenii. Journal of Endocrinology, 1982, 93, 99-107.	2.6	78
3	Differential temporal expression of milk miRNA during the lactation cycle of the marsupial tammar wallaby (Macropus eugenii). BMC Genomics, 2014, 15, 1012.	2.8	76
4	Fertility control of wild mouse populations: the effects of hormonal competence and an imposed level of sterility. Wildlife Research, 1999, 26, 579.	1.4	69
5	Postnatal development of the telencephalon of the tammar wallaby (Macropus eugenii). Anatomy and Embryology, 1985, 173, 81-94.	1.5	62
6	Community Composition and Density of Methanogens in the Foregut of the Tammar Wallaby () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	3.1	57
7	Biological control of vertebrate pests using virally vectored immunocontraception. Journal of Reproductive Immunology, 2006, 71, 102-111.	1.9	56
8	Biological control of the cane toad in Australia: a review. Animal Conservation, 2010, 13, 16-23.	2.9	52
9	Hormonal changes at oestrus, parturition and post-partum oestrus in the tammar wallaby (Macropus) Tj ETQq1 1 0.784314 rgBT /Over	2.6	50
10	Prolactin in the Marsupial Macropus Eugenii, During the Estrous Cycle, Pregnancy and Lactation. Biology of Reproduction, 1982, 26, 391-398.	2.7	48
11	Seasonal patterns of circulating progesterone and prolactin and response to bromocriptine in the female tammar Macropus eugenii. General and Comparative Endocrinology, 1984, 53, 58-68.	1.8	48
12	Examination of the Immunocontraceptive Potential of Recombinant Rabbit Fertilin Subunits in Rabbit. Biology of Reproduction, 1997, 57, 879-886.	2.7	48
13	Antiâ€fertility effect of levonorgestrel and quinestrol in Brandt's voles (Lasiopodomys brandtii). Integrative Zoology, 2007, 2, 260-268.	2.6	48
14	A bait-delivered immunocontraceptive vaccine for the European red fox (Vulpes vulpes) by the year 2002?. Reproduction, Fertility and Development, 1997, 9, 111.	0.4	46
15	Hormones of oestrus and ovulation and their manipulation in marsupials. Reproduction, Fertility and Development, 1996, 8, 661.	0.4	44
16	Fertility control of rodent pests. Wildlife Research, 2008, 35, 487.	1.4	42
17	Chicken GnRH II occurs together with mammalian GnRH in a South American species of marsupial (Monodelphis domestica). Peptides, 1990, 11, 521-525.	2.4	39
18	Bloodâ€brain, bloodâ€cerebrospinal fluid and cerebrospinal fluidâ€brain barriers in a marsupial (Macropus) Tj ETQq0 0 0 rgBT /Overlock	2.9	37

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19	A longitudinal study of the protein components of marsupial milk from birth to weaning in the tammar wallaby (Macropus eugenii). Developmental and Comparative Immunology, 2009, 33, 152-161.	2.3	37
20	An observational study of the microbiome of the maternal pouch and saliva of the tammar wallaby, Macropus eugenii, and of the gastrointestinal tract of the pouch young. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697	1.8	37
21	Population responses to sterility imposed on female European rabbits. Journal of Applied Ecology, 2007, 44, 291-301.	4.0	32
22	Comparative Pathology of Pulmonary Hydatid Cysts in Macropods and Sheep. Journal of Comparative Pathology, 2011, 144, 113-122.	0.4	32
23	Reproductive-Biology and the Potential for Genetic-Studies in the Tammar Wallaby, Macropus-Eugenii. Australian Journal of Zoology, 1989, 37, 223.	1.0	31
24	Influence of the immature testis on sexual differentiation in the tammar wallaby, Macropus eugenii (Macropodidae: Marsupialia). Reproduction, Fertility and Development, 1989, 1, 243.	0.4	31
25	Prospects for the future: is there a role for virally vectored immunocontraception in vertebrate pest management?. Wildlife Research, 2007, 34, 555.	1.4	31
26	A review of complementary mechanisms which protect the developing marsupial pouch young. Developmental and Comparative Immunology, 2012, 37, 213-220.	2.3	31
27	Prospects for virally vectored immunocontraception in the control of wild house mice (Mus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.4	27
28	Development of repressible sterility to prevent the establishment of feral populations of exotic and genetically modified animals. Aquaculture, 2009, 290, 104-109.	3.5	27
29	Plasma progesterone through pregnancy and the estrous cycle in the eastern quoll, Dasyurus viverrinus. General and Comparative Endocrinology, 1989, 75, 110-117.	1.8	26
30	The status of fertility control for rodentsâ€"recent achievements and future directions. Integrative Zoology, 2022, 17, 964-980.	2.6	26
31	Control of pregnancy, parturition and luteolysis in marsupials. Reproduction, Fertility and Development, 1990, 2, 535.	0.4	25
32	Precocious development of hydatid cysts in a macropodid host. International Journal for Parasitology, 2007, 37, 1379-1389.	3.1	25
33	Immunocontraception in mice using repeated, multi-antigen peptides: immunization with purified recombinant antigens. Molecular Reproduction and Development, 2008, 75, 126-135.	2.0	25
34	Mammalian development does not recapitulate suspected key transformations in the evolutionary detachment of the mammalian middle ear. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152606.	2.6	24
35	Testing hypotheses of developmental constraints on mammalian brain partition evolution, using marsupials. Scientific Reports, 2017, 7, 4241.	3.3	24
36	Plasma progesterone concentrations during pregnancy in the dasyurid marsupial, Antechinus stuartii: relationship with differentiation of the embryo. Reproduction, Fertility and Development, 1990, 2, 61.	0.4	23

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37	Could current fertility control methods be effective for landscape-scale management of populations of wild horses (Equus caballus) in Australia?. Wildlife Research, 2018, 45, 195.	1.4	23
38	The reproductive performance of female red foxes, Vulpes vulpes, in central-western New South Wales during and after a drought. Canadian Journal of Zoology, 2001, 79, 545-553.	1.0	22
39	Breeding ecology of rice field rats, Rattus argentiventer and R. tanezumi in lowland irrigated rice systems in the Philippines. Agriculture, Ecosystems and Environment, 2012, 161, 39-45.	5.3	22
40	Assessment of the immunocontraceptive effect of a zona pellucida 3 peptide antigen in wild mice. Reproduction, Fertility and Development, 2002, 14, 151.	0.4	22
41	Formulation and delivery of vaccines: Ongoing challenges for animal management. Journal of Pharmacy and Bioallied Sciences, 2012, 4, 258.	0.6	21
42	Conservation agriculture practices have changed habitat use by rodent pests: implications for management of feral house mice. Journal of Pest Science, 2022, 95, 493-503.	3.7	21
43	Selection of antigens for use in a virus-vectored immunocontraceptive vaccine: PH-20 as a case study. Reproduction, Fertility and Development, 1997, 9, 117.	0.4	21
44	Fertility control of rodent pests: a review of the inhibitory effects of plant extracts on ovarian function. Pest Management Science, 2013, 69, 342-354.	3.4	20
45	Production and secretion of progesterone in vitro and presence of platelet activating factor (PAF) in early pregnancy of the marsupial, Macropus eugenii. Reproduction, Fertility and Development, 1993, 5, 15.	0.4	19
46	Comparative NMR studies of diffusional water permeability of erythrocytes from some animals introduced to Australia: Rat rabbit and sheep. Comparative Haematology International, 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. General and Comparative Endocrinology, 2017, 244, 164-177.	1.8	19
48	Ovarian function and its manipulation in the tammar wallaby, Macropus eugenii. Reproduction, Fertility and Development, 1993, 5, 27.	0.4	17
49	Experimental infection of European red foxes (Vulpes vulpes) with canine herpesvirus. Veterinary Microbiology, 2001, 83, 217-233.	1.9	16
50	Efficacy of the EG95 hydatid vaccine in a macropodid host, the tammar wallaby. Parasitology, 2009, 136, 461-468.	1.5	16
51	Changes in Prolactin in Peripheral Plasma during Lactation in the Brushtail Possum Trichosurus vulpecula. Australian Journal of Biological Sciences, 1986, 39, 171.	0.5	14
52	Blood O2 transport and Hb types in the embryonic Tammar Wallaby (marsupialia, Macropus eugenii). Respiration Physiology, 1993, 91, 99-109.	2.7	14
53	Introduction - virally vectored immunocontraception in Australia. Wildlife Research, 2007, 34, 507.	1.4	13
54	The microbiome of the cloacal openings of the urogenital and anal tracts of the tammar wallaby, Macropus eugenii. Microbiology (United Kingdom), 2008, 154, 1535-1543.	1.8	13

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55	Long-term effects of corticosteroid administration in the tammar wallaby, Macropus eugenii. General and Comparative Endocrinology, 1981, 45, 56-60.	1.8	12
56	Proteomic analysis of early lactation milk of the tammar wallaby (Macropus eugenii). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2007, 2, 150-164.	1.0	12
57	Progesterone concentration in the marsupial Sminthopsis macroura: relationship with the conceptus, uterine glandular regeneration and body weight. Reproduction, 2009, 137, 107-117.	2.6	12
58	Marsupial tammar wallaby delivers milk bioactives to altricial pouch young to support lung development. Mechanisms of Development, 2016, 142, 22-29.	1.7	12
59	The reproductive performance of female red foxes, Vulpes vulpes, in central-western New South Wales during and after a drought. Canadian Journal of Zoology, 2001, 79, 545-553.	1.0	11
60	Is the reproductive potential of wild house mice regulated by extrinsic or intrinsic factors?. Austral Ecology, 2007, 32, 202-209.	1.5	11
61	Acute oral toxicity of zinc phosphide: an assessment for wild house mice (Mus musculus). Integrative Zoology, 2023, 18, 63-75.	2.6	11
62	Daily prolactin pulse inhibits the corpus luteum during lactational quiescence in the marsupial, Macropus eugenii. Reproduction, Fertility and Development, 2013, 25, 456.	0.4	10
63	Parenteral administration of GnRH constructs and adjuvants: Immune responses and effects on reproductive tissues of male mice. Vaccine, 2014, 32, 5555-5563.	3.8	10
64	Role of marsupial tammar wallaby milk in lung maturation of pouch young. BMC Developmental Biology, 2015, 15, 16.	2.1	10
65	Animal welfare testing for shooting and darting free-ranging wildlife: a review and recommendations. Wildlife Research, 2021, 48, 577-589.	1.4	10
66	The effects of bromocriptine on lactation and subsequent reproduction in grey kangaroos, Macropus fuliginosus and Macropus giganteus. Reproduction, Fertility and Development, 1994, 6, 705.	0.4	9
67	Plasma Prolactin Concentrations throughout Lactation in the Eastern Quoll, Dasyurus viverrinus (Marsupialia: Dasyuridae). Australian Journal of Biological Sciences, 1986, 39, 179.	0.5	9
68	Fertility control for managing macropods â€“ Current approaches and future prospects. Ecological Management and Restoration, 2021, 22, 147-156.	1.5	9
69	Effects of the ovary, sucking stimulus and season on the pattern of LH and FSH release in the female tammar, Macropus eugenii. Reproduction, Fertility and Development, 1992, 4, 25.	0.4	8
70	Circulating Levels of Prolactin and Progesterone in a Wild Population of Red Kangaroos (Macropus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	8
71	Evaluation of Chemical Derivatisation Methods for Protein Identification using MALDI MS/MS. International Journal of Peptide Research and Therapeutics, 2006, 12, 225-235.	1.9	8
72	Reproductive responses of rice field rats (Rattus argentiventer) following treatment with the contraceptive hormones, quinestrol and levonorgestrol. Integrative Zoology, 2022, 17, 1017-1027.	2.6	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.	3.7	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.	0.8	6
75	Preface to 'Fertility Control for Wildlife'. Wildlife Research, 2008, 35, iii.	1.4	6
76	Delayed return to estrus following treatment with the gonadotrophin-releasing hormone agonist, LucrinÂ® Depot, in the tammar wallaby. Theriogenology, 2018, 115, 108-116.	2.1	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.	1.6	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.	1.0	5
80	Efficacy of a combined insecticideâ€“rodenticide product on ectoparasite and commensal rodent mortality. Pest Management Science, 2021, 77, 1160-1168.	3.4	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.	3.4	5
82	Physical Mapping of Innate Immune Genes, Mucins and Lysozymes, and Other Non-Mucin Proteins in the Tammar Wallaby <i>(Macropus eugenii)</i>. Cytogenetic and Genome Research, 2011, 135, 118-125.	1.1	4
83	Improved house mouse control in the field with a higher dose zinc phosphide bait. Wildlife Research, 2023, 50, 335-343.	1.4	4
84	Prostaglandin alone does not cause luteolysis in the non-pregnant tammar wallaby, Macropus eugenii. Reproduction, Fertility and Development, 1991, 3, 17.	0.4	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.	7.4	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.	0.4	3
87	Rodent biology and management â€“ who is outsmarting whom?. Wildlife Research, 2011, 38, 539.	1.4	3
88	Singleâ€dose pharmacokinetics of oxytetracycline and penicillin G in tammar wallabies (<i>Macropus) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.3	3
89	Induction of synchronous oestrus but not ovulation after pre-treatment with the GnRH agonist, LucrinÂ® Depot, in the tammar wallaby. Theriogenology, 2020, 145, 24-30.	2.1	3
90	Regulation of reproductive tract immunoglobulins by oestradiol-17Î² in the European Red Fox (Vulpes) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.4	3

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91	Guiding Development of the Neonate: Lessons from Mammalia. Nestle Nutrition Institute Workshop Series, 2019, 90, 203-215.	0.1	2
92	It. Wildlife Research, 2022, , .	1.4	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.	1.4	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.	1.4	1
95	Fox SP10 has no immunocontraceptive effect on European red foxes. Journal of Reproductive Immunology, 1997, 34, 34.	1.9	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.	1.1	0
98	Fertility control of rodent pests: recent developments from lab to field. Integrative Zoology, 2022, 17, 960-963.	2.6	0