

# William Breed

## List of Publications by Year in descending order

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173  
papers

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186209

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254106

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176  
docs citations

176  
times ranked

1352  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Exceptional sperm cooperation in the wood mouse. <i>Nature</i> , 2002, 418, 174-177.   | 13.7 | 222       |
| 2  | By Hook or by Crook? Morphometry, Competition and Cooperation in Rodent Sperm. <i>PLoS ONE</i> , 2007, 2, e170.  | 1.1  | 117       |
| 3  | BODY MASS, TESTES MASS, AND SPERM SIZE IN MURINE RODENTS. <i>Journal of Mammalogy</i> , 2000, 81, 758-768.   | 0.6  | 76        |
| 4  | Why so many mammalian spermatozoa - a clue from marsupials?. <i>Proceedings of the Royal Society of London Series B, Containing Papers of A Biological Character</i> , 1984, 221, 221-233.                     | 1.8  | 62        |
| 5  | The spermatozoon of Eurasian murine rodents: Its morphological diversity and evolution. <i>Journal of Morphology</i> , 2004, 261, 52-69.   | 0.6  | 61        |
| 6  | Regulated Storage and Subsequent Transformation of Spermatozoa in the Fallopian Tubes of an Australian Marsupial, <i>Sminthopsis Crassicaudata</i> 1. <i>Biology of Reproduction</i> , 1994, 50, 845-854.      | 1.2  | 60        |
| 7  | Changes in distribution of labile zinc in mouse spermatozoa during maturation in the epididymis assessed by the fluorophore Zinquin. <i>Reproduction, Fertility and Development</i> , 1996, 8, 1097.           | 0.1  | 58        |
| 8  | Sperm morphology and storage in the female reproductive tract of the fat-tailed dunnart, <i>Sminthopsis crassicaudata</i> (Marsupialia: Dasyuridae). <i>Gamete Research</i> , 1989, 23, 61-75.                 | 1.7  | 56        |
| 9  | Morphological changes in the oocyte and its surrounding vestments during in vivo fertilization in the dasyurid marsupial <i>Sminthopsis crassicaudata</i> . <i>Journal of Morphology</i> , 1990, 204, 177-196. | 0.6  | 51        |
| 10 | Microtubule Configurations in Oocytes, Zygotes, and Early Embryos of a Marsupial, <i>Monodelphis domestica</i> . <i>Developmental Biology</i> , 1994, 164, 230-240.  | 0.9  | 50        |
| 11 | Localization of actin in the sperm head of the plains mouse, <i>Pseudomys australis</i> . <i>The Journal of Experimental Zoology</i> , 1983, 225, 497-500.   | 1.4  | 48        |
| 12 | A comparative study of sperm production in two species of Australian arid zone rodents ( <i>Pseudomys</i> ) Tj ETQq0 0 0,rgBT /Overlock 10 Tf  | 1.9  | 43        |
| 13 | Evolution of the spermatozoon in muroid rodents. <i>Journal of Morphology</i> , 2005, 265, 271-290.  | 0.6  | 40        |
| 14 | Reproductive and Genetic-Studies With a Laboratory Colony of the Dasyurid Marsupial <i>Sminthopsis-Crassicaudata</i> . <i>Australian Journal of Zoology</i> , 1989, 37, 207.                                   | 0.6  | 39        |
| 15 | Morphological observations on sperm-egg interactions during in vivo fertilization in the dasyurid marsupial <i>Sminthopsis crassicaudata</i> . <i>Gamete Research</i> , 1988, 19, 131-149.                     | 1.7  | 38        |
| 16 | Ovulation in the Genus <i>Microtus</i> . <i>Nature</i> , 1967, 214, 826-826.   | 13.7 | 36        |
| 17 | Sperm head structure in the hydromyinae (rodentia:Muridae): A further evolutionary development of the subacrosomal space in mammals. <i>Gamete Research</i> , 1984, 10, 31-44.                                 | 1.7  | 36        |
| 18 | Effect of cooling and cryopreservation on sperm motility and morphology of several species of marsupial. <i>Reproduction, Fertility and Development</i> , 1996, 8, 673.  | 0.1  | 36        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Variation in sperm morphology in the Australian rodent genus, <i>Pseudomys</i> (Muridae). <i>Cell and Tissue Research</i> , 1983, 229, 611-25.  | 1.5 | 35        |
| 20 | The Reproductive Rate of the Hopping-Mouse <i>Notomys Alexis</i> and Its Ecological Significance.. <i>Australian Journal of Zoology</i> , 1979, 27, 177.  | 0.6 | 33        |
| 21 | Comparative morphology and evolution of the male reproductive tract in the Australian hydromyine rodents (Muridae). <i>Journal of Zoology</i> , 1986, 209, 607-629.   | 0.8 | 33        |
| 22 | Egg maturation and fertilization in marsupials. <i>Reproduction, Fertility and Development</i> , 1996, 8, 617.  | 0.1 | 33        |
| 23 | Quantitative studies on variation in sperm head morphology of the hopping mouse, <i>Notomys alexis</i> . <i>The Journal of Experimental Zoology</i> , 1988, 247, 166-171.   | 1.4 | 31        |
| 24 | How does sperm meet egg?--in a marsupial. <i>Reproduction, Fertility and Development</i> , 1994, 6, 485.  | 0.1 | 31        |
| 25 | Embryonic-maternal cell interactions at implantation in the fat-tailed dunnart, a dasyurid marsupial. <i>The Anatomical Record</i> , 1994, 240, 59-76.  | 2.3 | 31        |
| 26 | Morphological variation in the testes and accessory sex organs of Australian rodents in the genera <i>Pseudomys</i> and <i>Notomys</i> . <i>Reproduction</i> , 1982, 66, 607-613.                                       | 1.1 | 29        |
| 27 | The sperm head of the plains mouse, <i>Pseudomys australis</i> : Ultrastructure and effects of chemical treatments. <i>Gamete Research</i> , 1983, 8, 231-244.  | 1.7 | 29        |
| 28 | Placentation in the dasyurid marsupial, <i>Sminthopsis crassicaudata</i> , the fat-tailed dunnart, and notes on placentation of the didelphid, <i>Monodelphis domestica</i> . <i>Reproduction</i> , 1994, 100, 105-113. | 1.1 | 29        |
| 29 | Sperm head structure of a murid rodent from Southern Africa: The red veld rat <i>Aethomys chrysophilus</i> . <i>Gamete Research</i> , 1988, 19, 191-202.  | 1.7 | 28        |
| 30 | Pathological Features of Oxalate Nephrosis in a Population of Koalas ( <i>Phascolarctos cinereus</i> ) in South Australia. <i>Veterinary Pathology</i> , 2013, 50, 299-307.   | 0.8 | 28        |
| 31 | ENVIRONMENTAL FACTORS AND REPRODUCTION IN THE FEMALE HOPPING MOUSE, <i>NOTOMYS ALEXIS</i> . <i>Reproduction</i> , 1975, 45, 273-281.  | 1.1 | 27        |
| 32 | Marsupial fertilization: Some further ultrastructural observations on the dasyurid <i>Sminthopsis Crassicaudata</i> . <i>Molecular Reproduction and Development</i> , 1992, 32, 277-292.                                | 1.0 | 27        |
| 33 | Origin of the oocyte shell membrane of a dasyurid marsupial: An immunohistochemical study. <i>The Journal of Experimental Zoology</i> , 1994, 270, 321-331.   | 1.4 | 27        |
| 34 | Evolution of the Spermatozoon in Australasian Rodents. <i>Australian Journal of Zoology</i> , 1997, 45, 459.  | 0.6 | 27        |
| 35 | Protein Composition of the Ventral Processes on the Sperm Head of Australian Hydromyine Rodents1. <i>Biology of Reproduction</i> , 2000, 63, 629-634.   | 1.2 | 27        |
| 36 | EFFECT OF PHOTOPERIOD ON OVARIAN FUNCTION IN THE VOLE, <i>MICROTUS AGRISTIS</i> . <i>Reproduction</i> , 1970, 23, 189-192.  | 1.1 | 26        |

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|----|--|-----|-----------|
| 37 | Whole-body heat exposure induces membrane changes in spermatozoa from the cauda epididymidis of laboratory mice. <i>Asian Journal of Andrology</i> , 2010, 12, 591-598.  | 0.8 | 26        |
| 38 | Distribution of filamentous actin in and around spermatids and in spermatozoa of Australian conilurine rodents. <i>Molecular Reproduction and Development</i> , 1991, 30, 369-384.                                       | 1.0 | 25        |
| 39 | Relative importance of gulf and shelf waters for spawning and recruitment of Australian anchovy, <i>Engraulis australis</i> , in South Australia. <i>Fisheries Oceanography</i> , 2004, 13, 310-323.                     | 0.9 | 25        |
| 40 | Variation of sperm head shape and tail length in a species of Australian hydromyine rodent: the spinifex hopping mouse, <i>Notomys alexis</i> . <i>Reproduction, Fertility and Development</i> , 2006, 18, 797.          | 0.1 | 25        |
| 41 | Sarcoptic mange in southern hairy-nosed wombats ( <i>Lasiorhinus latifrons</i> ): distribution and prevalence in the Murraylands of South Australia. <i>Australian Journal of Zoology</i> , 2009, 57, 129.               | 0.6 | 25        |
| 42 | Formation of the ventral hooks on the sperm head of the plains mouse, <i>Pseudomys australis</i> . <i>Gamete Research</i> , 1987, 17, 115-129.   | 1.7 | 23        |
| 43 | Gonadotrophin-induced oestrus and ovulation in the polyovulatory marsupial <i>Sminthopsis crassicaudata</i> . <i>Reproduction, Fertility and Development</i> , 1992, 4, 145.   | 0.1 | 23        |
| 44 | Isolation and characterisation of a cDNA encoding a zona pellucida protein (ZPB) from the marsupial <i>Trichosurus vulpecula</i> (brush-tail possum). <i>Molecular Reproduction and Development</i> , 1999, 52, 174-182. | 1.0 | 23        |
| 45 | The marsupial shell membrane: an ultrastructural and immunogold localization study. <i>Cell and Tissue Research</i> , 1996, 284, 99-110.   | 1.5 | 22        |
| 46 | Isolation of histones and related chromatin structures from spermatozoa nuclei of a dasyurid marsupial, <i>Sminthopsis crassicaudata</i> . , 1997, 278, 322-332.   |     | 22        |
| 47 | Novel organization of the spermatozoon in two species of murid rodents from Southern Asia. <i>Reproduction</i> , 1993, 99, 149-158.  | 1.1 | 21        |
| 48 | EFFECTS AND TREATMENT OF SARCOPTIC MANGE IN SOUTHERN HAIRY-NOSED WOMBATS ( <i>LASIORHINUS</i> ) Tj ET Oq 0 0 rg BT /Overloc  | 0.3 | 21        |
| 49 | Comparative studies on the reproductive biology of three species of laboratory bred Australian conilurine rodents (Muridae: Hydromyinae). <i>Journal of Zoology</i> , 1989, 217, 683-699.                                | 0.8 | 20        |
| 50 | Structural organization and evolution of the marsupial zona pellucida. <i>Reproduction</i> , 2002, 123, 13-21.   | 1.1 | 20        |
| 51 | Intra-individual variation in sperm tail length in murine rodents. <i>Journal of Zoology</i> , 2007, 272, 299-304.   | 0.8 | 20        |
| 52 | Interspecific Variation of Testis Size and Epididymal Sperm Numbers in Australasian Rodents with Special Reference to the Genus <i>Notomys</i> . <i>Australian Journal of Zoology</i> , 1997, 45, 651.                   | 0.6 | 20        |
| 53 | Reproductive biology of an old endemic murid rodent of Australia, the Spinifex hopping mouse, <i>Notomys alexis</i> : adaptations for life in the arid zone. <i>Integrative Zoology</i> , 2011, 6, 321-333.              | 1.3 | 19        |
| 54 | Necropsy findings of koalas from the Mount Lofty Ranges population in South Australia. <i>Australian Veterinary Journal</i> , 2018, 96, 188-192.   | 0.5 | 19        |

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|----|--|-----|-----------|
| 55 | Variation in Sperm Head Morphology in the Australian Rodent <i>Notomys alexis</i> . Australian Journal of Zoology, 1983, 31, 313.  | 0.6 | 19        |
| 56 | OESTRUS AND OVARIAN HISTOLOGY IN THE LACTATING VOLE ( <i>MICROTUS AGRESTIS</i> ). <i>Reproduction</i> , 1969, 18, 33-42.   | 1.1 | 18        |
| 57 | Effect of environment on ovarian activity of wild hopping mice ( <i>Notomys alexis</i> ). <i>Reproduction</i> , 1976, 47, 395-397.   | 1.1 | 18        |
| 58 | Comparative studies on the timing of reproduction and foetal number in six species of Australian conilurine rodents (Muridae: Hydromyinae). <i>Journal of Zoology</i> , 1990, 221, 1-10.                                       | 0.8 | 18        |
| 59 | Studies on uterine flushings in the baboon. <i>American Journal of Obstetrics and Gynecology</i> , 1973, 116, 771-779.   | 0.7 | 17        |
| 60 | Spermatozoa of murid rodents from Africa: morphological diversity and evolutionary trends. <i>Journal of Zoology</i> , 1995, 237, 625-651.   | 0.8 | 17        |
| 61 | Sperm Morphology of Murid Rodents From New-Guinea and the Solomon-Islands - Phylogenetic Implications. <i>Australian Journal of Zoology</i> , 1995, 43, 17.  | 0.6 | 17        |
| 62 | Sperm morphology of the eurasian beaver, <i>Castor fiber</i> : An example of a species of rodent with highly derived and pleiomorphic sperm populations. <i>Journal of Morphology</i> , 2007, 268, 683-689.                    | 0.6 | 17        |
| 63 | Reproduction of the Spinifex Hopping Mouse ( <i>Notomys-Alexis</i> ) in the Natural-Environment. <i>Australian Journal of Zoology</i> , 1992, 40, 57.  | 0.6 | 16        |
| 64 | Molecular evolution of the carboxy terminal region of the zona pellucida 3 glycoprotein in murine rodents. <i>Reproduction</i> , 2007, 133, 697-708.   | 1.1 | 16        |
| 65 | Plasma biochemistry and urinalysis variables of koalas ( <i>Peromyscus cinereus</i> ) with and without oxalate nephrosis. <i>Veterinary Clinical Pathology</i> , 2014, 43, 244-254.  | 0.3 | 16        |
| 66 | Greater sperm complexity in the Australasian old endemic rodents (Tribe: Hydromyini) is associated with increased levels of inter-male sperm competition. <i>Reproduction, Fertility and Development</i> , 2017, 29, 921.      | 0.1 | 16        |
| 67 | Breeding Systems of Spinifex Hopping Mice ( <i>Notomys-Alexis</i> ) and Plains Rats ( <i>Pseudomys-Australis</i> ) - a Test for Multiple Paternity Within the Laboratory. <i>Australian Journal of Zoology</i> , 1992, 40, 13. | 0.6 | 15        |
| 68 | Isolation and characterisation of zona pellucida A (ZPA) cDNAs from two species of marsupial: regulated oocyte-specific expression of ZPA transcripts. <i>Zygote</i> , 1999, 7, 239-248.                                       | 0.5 | 15        |
| 69 | Sperm morphology of the Rattini "are the interspecific differences due to variation in intensity of intermale sperm competition?". <i>Reproduction, Fertility and Development</i> , 2018, 30, 1434.                            | 0.1 | 15        |
| 70 | Studies on sperm storage in the vas deferens of the spinifex hopping mouse ( <i>Notomys alexis</i> ). <i>Reproduction</i> , 2003, 125, 233-240.  | 1.1 | 14        |
| 71 | OVULATION AND ASSOCIATED HISTOLOGICAL CHANGES IN THE OVARY FOLLOWING COITUS IN THE VOLE ( <i>MICROTUS AGRESTIS</i> ). <i>Reproduction</i> , 1970, 22, 173-175.   | 1.1 | 13        |
| 72 | Structure of the zona pellucida and cumulus oophorus in three species of native Australian rodents. <i>Gamete Research</i> , 1989, 23, 279-287.  | 1.7 | 13        |

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|----|---|-----|-----------|
| 73 | Ovulation rates and oestrous cycle lengths in several species of Australian native rats ( <i>Rattus</i> spp.) from various habitats. <i>Australian Journal of Zoology</i> , 1978, 26, 475.                            | 0.6 | 12        |
| 74 | Cytological organization of the seminiferous epithelium in the Australian rodents <i>Pseudomys australis</i> and <i>Notomys alexis</i> . <i>Reproduction</i> , 1987, 80, 91-103.                                      | 1.1 | 12        |
| 75 | Effect of cryopreservation on development and ultrastructure of preimplantation embryos from the dasyurid marsupial <i>Sminthopsis crassicaudata</i> . <i>Reproduction</i> , 1994, 100, 429-438.                      | 1.1 | 12        |
| 76 | Atomic force microscopy and cytochemistry of chromatin from marsupial spermatozoa with special reference to <i>Sminthopsis crassicaudata</i> . <i>Molecular Reproduction and Development</i> , 1997, 48, 367-374.     | 1.0 | 12        |
| 77 | Variation in ultrastructure of mucoid coat and shell membrane secretion of a dasyurid marsupial. <i>Reproduction, Fertility and Development</i> , 1996, 8, 645.   | 0.1 | 12        |
| 78 | Light microscopical structure of the excurrent ducts and distribution of spermatozoa in the Australian rodents <i>Pseudomys australis</i> and <i>Notomys alexis</i> . <i>Journal of Anatomy</i> , 1989, 162, 195-213. | 0.9 | 12        |
| 79 | Sexual Dimorphism in the Australian Hopping Mouse, <i>Notomys alexis</i> . <i>Journal of Mammalogy</i> , 1983, 64, 536-539.   | 0.6 | 11        |
| 80 | Morphological variation in the female reproductive tract of Australian rodents in the genera <i>Pseudomys</i> and <i>Notomys</i> . <i>Reproduction</i> , 1985, 73, 379-384.   | 1.1 | 11        |
| 81 | Mating behaviour and insemination in the hopping mouse ( <i>Notomys alexis</i> ). <i>Reproduction</i> , 1991, 93, 187-194.  | 1.1 | 11        |
| 82 | Unusual nuclear structure of the spermatozoon in a marsupial, <i>Sminthopsis crassicaudata</i> . <i>Molecular Reproduction and Development</i> , 1994, 37, 78-86.   | 1.0 | 11        |
| 83 | Variation in sperm morphology of a murine rodent from South-East Asia: the Greater Bandicoot Rat, <i>Bandicota indica</i> . <i>Acta Zoologica</i> , 2011, 92, 201-205.  | 0.6 | 11        |
| 84 | Leaf oxalate content of <i>Eucalyptus</i> spp. and its implications for koalas ( <i>Phascolarctos cinereus</i> ) with oxalate nephrosis. <i>Australian Journal of Zoology</i> , 2013, 61, 366.                        | 0.6 | 11        |
| 85 | EFFECT OF AN INTRAUTERINE DEVICE ON MENSTRUAL CYCLICITY AND LUTEAL FUNCTION IN THE BABOON. <i>Reproduction</i> , 1972, 28, 249-257.   | 1.1 | 10        |
| 86 | Variation in External Morphology of the Glans Penis of Australian Native Rodents. <i>Australian Journal of Zoology</i> , 1982, 30, 495.   | 0.6 | 10        |
| 87 | Interspecific Variation in Structural Organisation of the Spermatozoon in the Asian Bandicoot Rats, <i>Bandicota</i> Species (family <i>Muridae</i> ). <i>Acta Zoologica</i> , 1998, 79, 277-285.                     | 0.6 | 10        |
| 88 | Morphogenesis of the fibrous sheath in the marsupial spermatozoon. <i>Journal of Anatomy</i> , 2005, 207, 155-164.  | 0.9 | 10        |
| 89 | Ovarian follicular superstimulation and oocyte maturation in the anoestrous southern hairy-nosed wombat, <i>Lasiorhinus latifrons</i> . <i>Animal Reproduction Science</i> , 2007, 99, 363-376.                       | 0.5 | 10        |
| 90 | Testis mass of the spinifex hopping mouse and its impact on fertility potential. <i>Journal of Zoology</i> , 2008, 274, 349-356.  | 0.8 | 10        |

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|-----|---|-----|-----------|
| 91  | Spawning dynamics and biomass estimates of an anchovy <i>Engraulis australis</i> population in contrasting gulf and shelf environments. <i>Journal of Fish Biology</i> , 2009, 75, 1560-1576.   | 0.7 | 10        |
| 92  | The Mechanistic Basis for Sexual Dysfunction in Male Transforming Growth Factor $\beta$ 1 Null Mutant Mice. <i>Journal of Andrology</i> , 2010, 31, 95-107.   | 2.0 | 10        |
| 93  | The Question of Induced Ovulation in Wild Voles. <i>Journal of Mammalogy</i> , 1972, 53, 185.   | 0.6 | 9         |
| 94  | The effect of ovarian steroids and photoperiod on body fat stores and uncoupling protein 2 in the marsupial <i>Sminthopsis crassicaudata</i> . <i>Physiology and Behavior</i> , 2000, 69, 463-470.  | 1.0 | 9         |
| 95  | The structural organisation of sperm head components of the wombat and koala (suborder: <i>Tj ETQq1 1 0.784314</i> <i>rgBT /Overlock 10</i> <i>TF</i>   | 0.9 | 9         |
| 96  | Effect of exogenous gonadotrophins on ovarian morphology and oocyte maturation in the southern hairy nosed wombat <i>Lasiohinus latifrons</i> during the breeding season. <i>Reproduction, Fertility and Development</i> , 2006, 18, 477. | 0.1 | 9         |
| 97  | Reproductive biology of the greater bandicoot rat <i>Bandicota indica</i> (Rodentia: Muridae) in the rice fields of southern Thailand. <i>Environmental Epigenetics</i> , 2009, 55, 48-55.  | 0.9 | 9         |
| 98  | Sperm morphology in the Malagasy rodents (Muroidea: Nesomyinae). <i>Journal of Morphology</i> , 2010, 271, 1493-1500.   | 0.6 | 9         |
| 99  | Preliminary spatial behaviour of warru ( <i>Petrogale lateralis</i> MacDonnell Ranges race) in the Anangu Pitjantjatjara Yankunytjatjara Lands, South Australia. <i>Australian Mammalogy</i> , 2011, 33, 181.                             | 0.7 | 9         |
| 100 | Ultrastructure and motility of spermatozoa in macropodid and potoroidid marsupials. <i>Reproduction, Fertility and Development</i> , 1995, 7, 1129.   | 0.1 | 9         |
| 101 | THE CHEMICAL COMPOSITION OF FLUSHINGS FROM RAT UTERI WITH AND WITHOUT INTRA-UTERINE DEVICES. <i>Journal of Endocrinology</i> , 1972, 52, 575-584.   | 1.2 | 8         |
| 102 | Studies on uterine flushings in the baboon. <i>American Journal of Obstetrics and Gynecology</i> , 1973, 116, 780-784.  | 0.7 | 8         |
| 103 | Unusual Anatomy of the Male Reproductive Tract in <i>Notomys alexis</i> (Muridae). <i>Journal of Mammalogy</i> , 1981, 62, 373-375.   | 0.6 | 8         |
| 104 | Copulatory behaviour and coagulum formation in the female reproductive tract of the Australian hopping mouse, <i>Notomys alexis</i> . <i>Reproduction</i> , 1990, 88, 17-24.  | 1.1 | 8         |
| 105 | Antiserum to the egg coats of the fat-tailed dunnart (marsupialia, dasyuridae) cross-reacts with egg coats of other marsupial and eutherian species. , 1997, 278, 133-139.  |     | 8         |
| 106 | Interspecific variation of zona pellucida glycoconjugates in several species of marsupial. <i>Reproduction</i> , 2000, 119, 111-120.  | 1.1 | 8         |
| 107 | Glycoconjugates on the surface of epididymal spermatozoa in a marsupial, the brushtail possum, <i>Trichosurus vulpecula</i> . <i>Reproduction</i> , 2001, 122, 165-176.   | 1.1 | 8         |
| 108 | Isolation and partial characterization of the outer dense fibres and fibrous sheath from the sperm tail of a marsupial: the brushtail possum ( <i>Trichosurus vulpecula</i> ). <i>Reproduction</i> , 2001, 121, 373-388.                  | 1.1 | 8         |

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|-----|---|-----|-----------|
| 109 | Morphological diversity and evolution of the spermatozoon in the mouse-related clade of rodents. <i>Journal of Morphology</i> , 2014, 275, 540-547.   | 0.6 | 8         |
| 110 | Ultrastructure and motility of spermatozoa in the male reproductive tract of perameloid marsupials. <i>Reproduction, Fertility and Development</i> , 1995, 7, 1141.   | 0.1 | 8         |
| 111 | Histology of Accessory Sex Organs and Extragonadal Sperm Reserves in the Male Hopping Mouse <i>Notomys alexis</i> . <i>Archives of Andrology</i> , 1981, 7, 357-360.  | 1.0 | 7         |
| 112 | Protein synthesis and secretion by the epididymis of the brushtail possum, <i>Trichosurus vulpecula</i> . <i>Reproduction</i> , 1998, 114, 169-177.   | 1.1 | 7         |
| 113 | Coevolution of the male and female reproductive tracts in an old endemic murine rodent of Australia. <i>Journal of Zoology</i> , 2013, 289, 94-100.   | 0.8 | 7         |
| 114 | Embryotoxic effects of flushes from rat and mouse uteri with or without intrauterine sutures on mouse eggs in culture. <i>Reproduction</i> , 1973, 33, 353-355.   | 1.1 | 7         |
| 115 | Sperm-egg interaction in an Australian dasyurid marsupial with special reference to changes in acrosomal morphology. <i>Zygote</i> , 1994, 2, 201-211.  | 0.5 | 6         |
| 116 | Ultrastructure of nuclear condensation and localization of DNA and proteins in spermatozoa of a dasyurid marsupial, <i>Sminthopsis crassicaudata</i> . <i>Molecular Reproduction and Development</i> , 1996, 43, 217-227.               | 1.0 | 6         |
| 117 | The spermatozoon of the Old Endemic Australo-Papuan and Philippine rodents – its morphological diversity and evolution. <i>Acta Zoologica</i> , 2010, 91, 279-294.  | 0.6 | 6         |
| 118 | Evolution of the testis and spermatozoon in mice and rats (Subfamily Murinae) in the absence of sperm competition. <i>Journal of Zoology</i> , 2018, 306, 58-68.  | 0.8 | 6         |
| 119 | Sperm head morphology of the plains mouse <i>Pseudomys australis</i> . <i>Reproduction</i> , 1981, 61, 399-401.   | 1.1 | 5         |
| 120 | Organization of testicular interstitial tissue of an Australian rodent, the spinifex hopping mouse, <i>Notomys alexis</i> . <i>Cell and Tissue Research</i> , 1990, 260, 469-477.   | 1.5 | 5         |
| 121 | <i>In vivo</i> parthenogenetic activation of ovulated oocytes in a marsupial, <i>Sminthopsis crassicaudata</i> . <i>Zygote</i> , 1993, 1, 231-236.  | 0.5 | 5         |
| 122 | Successful embryo transfer in a small dasyurid marsupial. <i>Theriogenology</i> , 1996, 45, 1075-1080.  | 0.9 | 5         |
| 123 | Unusual germ cell organization in the seminiferous epithelium of a murid rodent from southern Asia, the greater bandicoot rat, <i>Bandicota Indica</i> . <i>Journal of Developmental and Physical Disabilities</i> , 2005, 28, 180-188. | 3.6 | 5         |
| 124 | Spermatozoa of the old endemic rodents of Australia – the possible functional significance of their ventral processes. <i>Reproduction, Fertility and Development</i> , 2014, 26, 1183.   | 0.1 | 5         |
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