

William Breed

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8013758/william-breed-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

166
papers

2,384
citations

25
h-index

38
g-index

176
ext. papers

2,518
ext. citations

2.6
avg, IF

4.83
L-index

#	Paper	IF	Citations
166	Exceptional sperm cooperation in the wood mouse. <i>Nature</i> , 2002 , 418, 174-7	50.4	195
165	By hook or by crook? Morphometry, competition and cooperation in rodent sperm. <i>PLoS ONE</i> , 2007 , 2, e170	3.7	99
164	BODY MASS, TESTES MASS, AND SPERM SIZE IN MURINE RODENTS. <i>Journal of Mammalogy</i> , 2000 , 81, 758-768	1.8	66
163	The spermatozoon of Eurasian murine rodents: Its morphological diversity and evolution. <i>Journal of Morphology</i> , 2004 , 261, 52-69	1.6	57
162	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, 1097-105	1.8	50
161	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, 221-33		50
160	Regulated storage and subsequent transformation of spermatozoa in the fallopian tubes of an Australian marsupial, <i>Sminthopsis crassicaudata</i> . <i>Biology of Reproduction</i> , 1994 , 50, 845-54	3.9	49
159	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		49
158	Microtubule configurations in oocytes, zygotes, and early embryos of a marsupial, <i>Monodelphis domestica</i> . <i>Developmental Biology</i> , 1994 , 164, 230-40	3.1	45
157	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		44
156	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, 177-96	1.6	42
155	A comparative study of sperm production in two species of Australian arid zone rodents (<i>Pseudomys australis</i> , <i>Notomys alexis</i>) with marked differences in testis size. <i>Reproduction</i> , 2001 , 121, 239-47	3.8	39
154	Evolution of the spermatozoon in muroid rodents. <i>Journal of Morphology</i> , 2005 , 265, 271-90	1.6	33
153	Morphological observations on sperm-egg interactions during in vivo fertilization in the dasyurid marsupial <i>Sminthopsis crassicaudata</i> . <i>Gamete Research</i> , 1988 , 19, 131-49		33
152	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		31
151	Effect of cooling and cryopreservation on sperm motility and morphology of several species of marsupial. <i>Reproduction, Fertility and Development</i> , 1996 , 8, 673-9	1.8	30
150	Embryonic-maternal cell interactions at implantation in the fat-tailed dunnart, a dasyurid marsupial. <i>The Anatomical Record</i> , 1994 , 240, 59-76		29

149	Comparative morphology and evolution of the male reproductive tract in the Australian hydromyine rodents (Muridae). <i>Journal of Zoology</i> , 1986 , 209, 607-629	2	29
148	Variation in sperm morphology in the Australian rodent genus, Pseudomys (Muridae). <i>Cell and Tissue Research</i> , 1983 , 229, 611-25	4.2	29
147	Quantitative studies on variation in sperm head morphology of the hopping mouse, Notomys alexis. <i>The Journal of Experimental Zoology</i> , 1988 , 247, 166-171		28
146	Sperm head structure of a murid rodent from southern Africa: the red veld rat Aethomys chrysophilus. <i>Gamete Research</i> , 1988 , 19, 191-202		28
145	Pathological features of oxalate nephrosis in a population of koalas (Phascolarctos cinereus) in South Australia. <i>Veterinary Pathology</i> , 2013 , 50, 299-307	2.8	27
144	The sperm head of the plains mouse, Pseudomys australis: Ultrastructure and effects of chemical treatments. <i>Gamete Research</i> , 1983 , 8, 231-244		27
143	Protein composition of the ventral processes on the sperm head of Australian hydromyine rodents. <i>Biology of Reproduction</i> , 2000 , 63, 629-34	3.9	26
142	Reproductive and Genetic-Studies With a Laboratory Colony of the Dasyurid Marsupial Sminthopsis-Crassicaudata. <i>Australian Journal of Zoology</i> , 1989 , 37, 207	0.5	25
141	How does sperm meet egg?--in a marsupial. <i>Reproduction, Fertility and Development</i> , 1994 , 6, 485-506	1.8	24
140	Marsupial fertilization: some further ultrastructural observations on the dasyurid Sminthopsis crassicaudata. <i>Molecular Reproduction and Development</i> , 1992 , 32, 277-92	2.6	24
139	Evolution of the Spermatozoon in Australasian Rodents. <i>Australian Journal of Zoology</i> , 1997 , 45, 459	0.5	23
138	Placentation in the dasyurid marsupial, Sminthopsis crassicaudata, the fat-tailed dunnart, and notes on placentation of the didelphid, Monodelphis domestica. <i>Reproduction</i> , 1994 , 100, 105-13	3.8	23
137	Distribution of filamentous actin in and around spermatids and in spermatozoa of Australian conilurine rodents. <i>Molecular Reproduction and Development</i> , 1991 , 30, 369-84	2.6	23
136	The Reproductive Rate of the Hopping-Mouse Notomys Alexis and Its Ecological Significance.. <i>Australian Journal of Zoology</i> , 1979 , 27, 177	0.5	23
135	Ovulation in the genus Microtus. <i>Nature</i> , 1967 , 214, 826	50.4	23
134	Variation of sperm head shape and tail length in a species of Australian hydromyine rodent: the spinifex hopping mouse, Notomys alexis. <i>Reproduction, Fertility and Development</i> , 2006 , 18, 797-805	1.8	23
133	Formation of the ventral hooks on the sperm head of the plains mouse, Pseudomys australis. <i>Gamete Research</i> , 1987 , 17, 115-29		22
132	Whole-body heat exposure induces membrane changes in spermatozoa from the cauda epididymidis of laboratory mice. <i>Asian Journal of Andrology</i> , 2010 , 12, 591-8	2.8	22

131	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, 174-82	2.6	21
130	Origin of the oocyte shell membrane of a dasyurid marsupial: an immunohistochemical study. <i>The Journal of Experimental Zoology</i> , 1994 , 270, 321-31		21
129	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, 607-13	3.8	21
128	Egg maturation and fertilization in marsupials. <i>Reproduction, Fertility and Development</i> , 1996 , 8, 617-43	1.8	21
127	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	0.5	20
126	Isolation of histones and related chromatin structures from spermatozoa nuclei of a dasyurid marsupial, <i>Sminthopsis crassicaudata</i> 1997 , 278, 322-332		19
125	Intra-individual variation in sperm tail length in murine rodents. <i>Journal of Zoology</i> , 2007 , 272, 299-304	2	19
124	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	2.4	19
123	Novel organization of the spermatozoon in two species of murid rodents from southern Asia. <i>Reproduction</i> , 1993 , 99, 149-58	3.8	18
122	Gonadotrophin-induced oestrus and ovulation in the polyovulatory marsupial <i>Sminthopsis crassicaudata</i> . <i>Reproduction, Fertility and Development</i> , 1992 , 4, 145-52	1.8	18
121	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	2	17
120	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	0.5	17
119	Spermatozoa of murid rodents from Africa: morphological diversity and evolutionary trends. <i>Journal of Zoology</i> , 1995 , 237, 625-651	2	16
118	Reproduction of the Spinifex Hopping Mouse (<i>Notomys-Alexis</i>) in the Natural-Environment. <i>Australian Journal of Zoology</i> , 1992 , 40, 57	0.5	16
117	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	2	16
116	Effects and treatment of sarcoptic mange in southern hairy-nosed wombats (<i>Lasiorhinus latifrons</i>). <i>Journal of Wildlife Diseases</i> , 2013 , 49, 312-20	1.3	15
115	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, 683-9	1.6	15
114	The marsupial shell membrane: an ultrastructural and immunogold localization study. <i>Cell and Tissue Research</i> , 1996 , 284, 99-110	4.2	15

113	Breeding Systems of Spinifex Hopping Mice (Notomys-Alexis) and Plains Rats (Pseudomys-Australis) - a Test for Multiple Paternity Within the Laboratory. <i>Australian Journal of Zoology</i> , 1992 , 40, 13	0.5	15
112	Variation in Sperm Head Morphology in the Australian Rodent Notomys alexis. <i>Australian Journal of Zoology</i> , 1983 , 31, 313	0.5	15
111	Molecular evolution of the carboxy terminal region of the zona pellucida 3 glycoprotein in murine rodents. <i>Reproduction</i> , 2007 , 133, 697-708	3.8	14
110	Structural organization and evolution of the marsupial zona pellucida. <i>Reproduction</i> , 2002 , 123, 13-21	3.8	14
109	Necropsy findings of koalas from the Mount Lofty Ranges population in South Australia. <i>Australian Veterinary Journal</i> , 2018 , 96, 188-192	1.2	13
108	Reproductive biology of an old endemic murid rodent of Australia, the Spinifex hopping mouse, Notomys alexis: adaptations for life in the arid zone. <i>Integrative Zoology</i> , 2011 , 6, 321-33	1.9	13
107	Studies on sperm storage in the vas deferens of the spinifex hopping mouse (Notomys alexis). <i>Reproduction</i> , 2003 , 125, 233-40	3.8	13
106	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, 239-48	1.6	13
105	Structure of the zona pellucida and cumulus oophorus in three species of native Australian rodents. <i>Gamete Research</i> , 1989 , 23, 279-87		13
104	Environmental factors and reproduction in the female hopping mouse, Notomys alexis. <i>Reproduction</i> , 1975 , 45, 273-81	3.8	13
103	Effect of photoperiod on ovarian function in the vole, <i>Microtus agrestis</i> . <i>Reproduction</i> , 1970 , 23, 189-92	3.8	13
102	Plasma biochemistry and urinalysis variables of koalas (<i>Phascolarctos cinereus</i>) with and without oxalate nephrosis. <i>Veterinary Clinical Pathology</i> , 2014 , 43, 244-54	1	12
101	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, 367-74	2.6	12
100	Effect of environment on ovarian activity of wild hopping mice (<i>Notomys alexis</i>). <i>Reproduction</i> , 1976 , 47, 395-7	3.8	12
99	Sperm Morphology of Murid Rodents From New-Guinea and the Solomon-Islands - Phylogenetic Implications. <i>Australian Journal of Zoology</i> , 1995 , 43, 17	0.5	11
98	Studies on uterine flushings in the baboon. <i>American Journal of Obstetrics and Gynecology</i> , 1973 , 116, 771-779	6.4	11
97	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	2.9	11
96	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	0.5	10

95	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, 1560-76	1.9	10
94	Interspecific Variation in Structural Organisation of the Spermatozoon in the Asian Bandicoot Rats, <i>Bandicota</i> Species (family Muridae). <i>Acta Zoologica</i> , 1998 , 79, 277-285	0.8	10
93	Ovarian follicular superstimulation and oocyte maturation in the anoestrous southern hairy-nosed wombat, <i>Lasiorhinus latifrons</i> . <i>Animal Reproduction Science</i> , 2007 , 99, 363-76	2.1	10
92	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> , 2016 ,	1.8	9
91	Effect of exogenous gonadotrophins on ovarian morphology and oocyte maturation in the southern hairy nosed wombat <i>Lasiorhinus latifrons</i> during the breeding season. <i>Reproduction, Fertility and Development</i> , 2006 , 18, 477-84	1.8	9
90	Unusual nuclear structure of the spermatozoon in a marsupial, <i>Sminthopsis crassicaudata</i> . <i>Molecular Reproduction and Development</i> , 1994 , 37, 78-86	2.6	9
89	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	3.8	9
88	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, 379-84	3.8	9
87	Effect of an intrauterine device on menstrual cyclicity and luteal function in the baboon. <i>Reproduction</i> , 1972 , 28, 249-57	3.8	9
86	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	0.8	8
85	Testis mass of the spinifex hopping mouse and its impact on fertility potential. <i>Journal of Zoology</i> , 2008 , 274, 349-356	2	8
84	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, 373-88	3.8	8
83	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, 463-70	3.5	8
82	Effect of cryopreservation on development and ultrastructure of preimplantation embryos from the dasyurid marsupial <i>Sminthopsis crassicaudata</i> . <i>Reproduction</i> , 1994 , 100, 429-38	3.8	8
81	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	0.5	8
80	Variation in ultrastructure of mucoid coat and shell membrane secretion of a dasyurid marsupial. <i>Reproduction, Fertility and Development</i> , 1996 , 8, 645-8	1.8	8
79	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, 1434-1442	1.8	8
78	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	2	7

77	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	2.4	7
76	Sperm morphology in the Malagasy rodents (Muroidea: Nesomyinae). <i>Journal of Morphology</i> , 2010 , 271, 1493-500	1.6	7
75	Antiserum to the egg coats of the fat-tailed dunnart (Marsupialia, Dasyuridae) cross-reacts with egg coats of other marsupial and eutherian species. <i>The Journal of Experimental Zoology</i> , 1997 , 278, 133-9		7
74	Morphogenesis of the fibrous sheath in the marsupial spermatozoon. <i>Journal of Anatomy</i> , 2005 , 207, 155-64	2.9	7
73	The structural organisation of sperm head components of the wombat and koala (suborder: Vombatiformes): an enigma amongst marsupials. <i>Journal of Anatomy</i> , 2001 , 198, 57-66	2.9	7
72	Mating behaviour and insemination in the hopping mouse (<i>Notomys alexis</i>). <i>Reproduction</i> , 1991 , 93, 187-98	3.8	7
71	Unusual Anatomy of the Male Reproductive Tract in <i>Notomys alexis</i> (Muridae). <i>Journal of Mammalogy</i> , 1981 , 62, 373-375	1.8	7
70	Ovulation and associated histological changes in the ovary following coitus in the vole (<i>Microtus agrestis</i>). <i>Reproduction</i> , 1970 , 22, 173-5	3.8	7
69	The Question of Induced Ovulation in Wild Voles. <i>Journal of Mammalogy</i> , 1972 , 53, 185	1.8	7
68	The chemical composition of flushings from rat uteri with and without intra-uterine devices. <i>Journal of Endocrinology</i> , 1972 , 52, 575-84	4.7	7
67	Studies on uterine flushings in the baboon. II. The effect of an intrauterine contraceptive device on certain biochemical parameters. <i>American Journal of Obstetrics and Gynecology</i> , 1973 , 116, 780-4	6.4	7
66	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	1.1	6
65	Glycoconjugates on the surface of epididymal spermatozoa in a marsupial, the brushtail possum, <i>Trichosurus vulpecula</i> . <i>Reproduction</i> , 2001 , 122, 165-76	3.8	6
64	Sexual Dimorphism in the Australian Hopping Mouse, <i>Notomys alexis</i> . <i>Journal of Mammalogy</i> , 1983 , 64, 536-539	1.8	6
63	Variation in External Morphology of the Glans Penis of Australian Native Rodents. <i>Australian Journal of Zoology</i> , 1982 , 30, 495	0.5	6
62	Oestrus and ovarian histology in the lactating vole (<i>Microtus agrestis</i>). <i>Reproduction</i> , 1969 , 18, 33-42	3.8	6
61	Embryotoxic effects of flushes from rat and mouse uteri with or without intrauterine sutures on mouse eggs in culture. <i>Reproduction</i> , 1973 , 33, 353-5	3.8	6
60	Ultrastructure and motility of spermatozoa in macropodid and potoroidid marsupials. <i>Reproduction, Fertility and Development</i> , 1995 , 7, 1129-40	1.8	6

59	Ultrastructure and motility of spermatozoa in the male reproductive tract of perameloid marsupials. <i>Reproduction, Fertility and Development</i> , 1995 , 7, 1141-56	1.8	6
58	Protein synthesis and secretion by the epididymis of the brushtail possum, <i>Trichosurus vulpecula</i> . <i>Reproduction</i> , 1998 , 114, 169-77	3.8	5
57	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, 217-27 ⁶	2.6	5
56	Sperm head morphology of the plains mouse <i>Pseudomys australis</i> . <i>Reproduction</i> , 1981 , 61, 399-401	3.8	5
55	Temporal deposition and spatial distribution of cytoskeletal proteins in the sperm head of an Australian rodent. <i>Reproduction, Fertility and Development</i> , 2009 , 21, 428-39	1.8	5
54	Morphological diversity and evolution of the spermatozoon in the mouse-related clade of rodents. <i>Journal of Morphology</i> , 2014 , 275, 540-7	1.6	4
53	Spermatozoa of the old endemic rodents of Australia - the possible functional significance of their ventral processes. <i>Reproduction, Fertility and Development</i> , 2014 , 26, 1183-7	1.8	4
52	The spermatozoon of the Old Endemic Australo-Papuan and Philippine rodents ¶its morphological diversity and evolution. <i>Acta Zoologica</i> , 2010 , 91, 279-294	0.8	4
51	The mechanistic basis for sexual dysfunction in male transforming growth factor beta1 null mutant mice. <i>Journal of Andrology</i> , 2010 , 31, 95-107		4
50	Unusual chromatin structural organization in the sperm head of a murid rodent from southern Africa: the red veld rat, <i>Aethomys chrysophilus</i> type B. <i>Reproduction</i> , 1997 , 111, 221-8	3.8	4
49	Changes in distribution of basic nuclear proteins and chromatin organization during spermiogenesis in the greater bandicoot rat, <i>Bandicota indica</i> . <i>Cell and Tissue Research</i> , 2008 , 334, 135-44 ²	4.2	4
48	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, 180-8		4
47	cDNA nucleotide sequence encoding the ZPC protein of Australian hydromyine rodents: a novel sequence of the putative sperm-combining site within the family Muridae. <i>Zygote</i> , 2002 , 10, 291-9	1.6	4
46	Successful embryo transfer in a small dasyurid marsupial, <i>Sminthopsis crassicaudata</i> . <i>Theriogenology</i> , 1996 , 45, 1075-80	2.8	4
45	Sperm-egg interactions in an Australian dasyurid marsupial with official reference to changes in acrosomal morphology. <i>Zygote</i> , 1994 , 2, 201-11	1.6	4
44	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, 469-77	4.2	4
43	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	3.8	4
42	Ultrastructure of the epithelial cells of the ventral prostate from the hopping mouse <i>Notomys alexis</i> . <i>Cells Tissues Organs</i> , 1985 , 121, 163-9	2.1	4

41	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, 357-60		4
40	Biochemistry of male accessory organs of conilurine rodents. <i>Archives of Andrology</i> , 1981 , 6, 239-42		4
39	Changes in structure of the trophectoderm of a marsupial in Mid-pregnancy up to the time of implantation. <i>Reproduction, Fertility and Development</i> , 1996 , 8, 797-802	1.8	4
38	Effects of whole-body heat on male germ cell development and sperm motility in the laboratory mouse. <i>Reproduction, Fertility and Development</i> , 2016 , 28, 545-55	1.8	4
37	Interspecific diversity of testes mass and sperm morphology in the Philippine chrotomyine rodents: implications for differences in breeding systems across the species. <i>Reproduction, Fertility and Development</i> , 2019 , 31, 705-711	1.8	4
36	Changes in abundance and reproductive activity of small arid-zone murid rodents on an active cattle station in central Australia. <i>Wildlife Research</i> , 2017 , 44, 22	1.8	3
35	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	2	3
34	Co-evolution of gametes of the Greater Bandicoot Rat, <i>Bandicota indica</i> & murine rodent from South-East Asia. <i>Acta Zoologica</i> , 2014 , 95, 392-396	0.8	3
33	The zona pellucida of the koala (<i>Phascolarctos cinereus</i>): its morphogenesis and thickness. <i>Journal of Anatomy</i> , 2006 , 209, 393-400	2.9	3
32	Interspecific variation of zona pellucida glycoconjugates in several species of marsupial. <i>Reproduction</i> , 2000 , 119, 111-20	3.8	3
31	In vivo parthenogenetic activation of ovulated oocytes in a marsupial, <i>Sminthopsis crassicaudata</i> . <i>Zygote</i> , 1993 , 1, 231-6	1.6	3
30	Immunochemical composition and gel filtration profiles of uterine flushings from rats with and without IUDs. <i>Contraception</i> , 1974 , 9, 161-75	2.5	3
29	Ovarian changes during pregnancy and pseudopregnancy in the vole, <i>Microtus agrestis</i> . <i>Reproduction</i> , 1970 , 23, 447-56	3.8	3
28	Effect of lactation on ovarian function in the rabbit. <i>Reproduction</i> , 1970 , 23, 73-8	3.8	3
27	Seasonal variation in occurrence of oxalate nephrosis in South Australian koalas (<i>Phascolarctos cinereus</i>). <i>Australian Mammalogy</i> , 2019 , 41, 92	1.1	3
26	The gastrointestinal tract of the Australian water rat (<i>Hydromys chrysogaster</i>) & its morphological adaptations to a carnivorous diet. <i>Australian Mammalogy</i> , 2016 , 38, 52	1.1	3
25	Gamete cryopreservation of Australian & old endemic rodents & spermatozoa from the plains mouse (<i>Pseudomys australis</i>) and spinifex hopping mouse (<i>Notomys alexis</i>). <i>Australian Mammalogy</i> , 2018 , 40, 76	1.1	3
24	Interspecific variation of sperm morphology in the Australian rodent genus <i>Zygomys</i> . <i>Acta Zoologica</i> , 2007 , 88, 257-263	0.8	2

23	Morphology of the spermatozoon of a murid rodent from Africa, <i>Dasymys incomtus</i> . <i>Acta Zoologica</i> , 1999 , 80, 201-208	0.8	2
22	The fluorescent dye 3, 3Tdihexyloxacarbocyanine iodide selectively stains the midpiece and apical region of the heads of murid rodent spermatozoa. <i>Biotechnic and Histochemistry</i> , 1995 , 70, 294-6	1.8	2
21	Studies on uterine flushings in the baboon. 3. Immunochemical composition in animals with and without intrauterine contraceptive devices. <i>American Journal of Obstetrics and Gynecology</i> , 1974 , 120, 117-23	6.4	2
20	Hypothalamo-hypophysial control of ovulation in the vole (<i>Microtus agrestis</i>). <i>Reproduction</i> , 1971 , 25, 225-9	3.8	2
19	The egg coat zona pellucida 3 glycoprotein - evolution of its putative sperm-binding region in Old World murine rodents (Rodentia: Muridae). <i>Reproduction, Fertility and Development</i> , 2017 , 29, 2376-2386	1.8	1
18	The morphology of the squirrel spermatozoon: a highly complex male gamete with a massive acrosome. <i>Journal of Morphology</i> , 2011 , 272, 883-9	1.6	1
17	Comparative study of sperm chromatin condensation in the excurrent ducts of the laboratory mouse <i>Mus musculus</i> and spinifex hopping mouse <i>Notomys alexis</i> . <i>Reproduction, Fertility and Development</i> , 2005 , 17, 611-6	1.8	1
16	Transillumination patterns of seminiferous tubules in two species of Australian rodents, <i>Pseudomys australis</i> and <i>Notomys alexis</i> . <i>Reproduction, Fertility and Development</i> , 1991 , 3, 303-12	1.8	1
15	Ultrastructural features of the ventral prostate epithelial cells in the Australian plains rat, <i>Pseudomys australis</i> . <i>Cells Tissues Organs</i> , 1988 , 133, 289-96	2.1	1
14	A Pseudohermaphrodite XY/XO Mosaic <i>Pseudomys australis</i> (Rodentia: Muridae). <i>Journal of Mammalogy</i> , 1980 , 61, 537-539	1.8	1
13	Ovarian histology of two XO murid rodents from Australia. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1980 , 58, 607-13		1
12	Variation in intramembranous particle distribution in the cell membrane of the sperm head of the plains rat and western chestnut mouse (<i>Pseudomys</i> Spp.). <i>Journal of Submicroscopic Cytology and Pathology</i> , 1988 , 20, 341-8		1
11	Spermatozoa from a marsupial, the brushtail possum, contain beta1,4-galactosyltransferase. <i>Reproduction, Fertility and Development</i> , 2008 , 20, 402-7	1.8	1
10	What can we deduce about the reproductive condition of spinifex hopping mice (<i>Notomys alexis</i>) from external examination?. <i>Australian Mammalogy</i> , 2020 , 42, 11	1.1	1
9	Are male germ cells of the arid-zone hopping mouse (<i>Notomys alexis</i>) sensitive to high environmental temperatures?. <i>Australian Journal of Zoology</i> , 2011 , 59, 249	0.5	1
8	The Gerbil Spermatozoon Interspecific variation in morphology does not invariably follow murine rodent evolutionary trends in response to predicted intermale sperm competition. <i>Acta Zoologica</i> , 2016 , 97, 361-369	0.8	1
7	Morphological diversity of the spermatozoon and male reproductive tract in Australian Hopping mice, genus <i>Notomys</i> Is it determined by sexual selection?. <i>Journal of Zoology</i> , 2020 , 311, 194-203	2	1
6	Glycoconjugates within the oviduct and their functional significance with special reference to marsupials. <i>Histology and Histopathology</i> , 2010 , 25, 121-32	1.4	1

- 5 The occurrence and relative abundance of small terrestrial mammals on Theda Station in the Northern Kimberley, Western Australia. *Australian Mammalogy*, **2017**, 39, 78 1.1
- 4 Ovary of the southern hairy-nosed wombat (*Lasiorchinus latifrons*): its divergent structural organisation. *Reproduction, Fertility and Development*, **2019**, 31, 1457-1462 1.8
- 3 Unusual macromorphology of the ductuli efferentes and epididymis of the koala (*Phascolarctos cinereus*). *Australian Journal of Zoology*, **2000**, 48, 681 0.5
- 2 Reproduction of the Australian Hopping mouse, *Notomys alexis*, and other bipedal desert rodents **1981**, 186-198
- 1 Female reproductive suppression in an Australian arid zone rodent, the spinifex hopping mouse. *Journal of Zoology*, **2020**, 312, 163-173 2