

# Katherine Belov

## List of Publications by Citations

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193  
papers

5,741  
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36  
h-index

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g-index

207  
ext. papers

6,724  
ext. citations

5.4  
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5.58  
L-index

#	Paper	IF	Citations
193	Genome of the marsupial <i>Monodelphis domestica</i> reveals innovation in non-coding sequences. <i>Nature</i> , <b>2007</b> , 447, 167-77	50.4	577
192	Genome analysis of the platypus reveals unique signatures of evolution. <i>Nature</i> , <b>2008</b> , 453, 175-83	50.4	545
191	Transmission of a fatal clonal tumor by biting occurs due to depleted MHC diversity in a threatened carnivorous marsupial. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 16221-6	11.5	219
190	Reversible epigenetic down-regulation of MHC molecules by devil facial tumour disease illustrates immune escape by a contagious cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 5103-8	11.5	158
189	Genome sequence of an Australian kangaroo, <i>Macropus eugenii</i> , provides insight into the evolution of mammalian reproduction and development. <i>Genome Biology</i> , <b>2011</b> , 12, R81	18.3	142
188	Reconstructing an ancestral mammalian immune supercomplex from a marsupial major histocompatibility complex. <i>PLoS Biology</i> , <b>2006</b> , 4, e46	9.7	123
187	MHC gene copy number variation in Tasmanian devils: implications for the spread of a contagious cancer. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 277, 2001-6	4.4	104
186	Adaptation and conservation insights from the koala genome. <i>Nature Genetics</i> , <b>2018</b> , 50, 1102-1111	36.3	102
185	Defensins and the convergent evolution of platypus and reptile venom genes. <i>Genome Research</i> , <b>2008</b> , 18, 986-94	9.7	101
184	Characterization of the opossum immune genome provides insights into the evolution of the mammalian immune system. <i>Genome Research</i> , <b>2007</b> , 17, 982-91	9.7	88
183	The Tasmanian devil microbiome-implications for conservation and management. <i>Microbiome</i> , <b>2015</b> , 3, 76	16.6	84
182	Genomic restructuring in the Tasmanian devil facial tumour: chromosome painting and gene mapping provide clues to evolution of a transmissible tumour. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002483	6	75
181	Venom evolution through gene duplications. <i>Gene</i> , <b>2012</b> , 496, 1-7	3.8	73
180	Major Histocompatibility Complex (MHC) markers in conservation biology. <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 5168-86	6.3	73
179	The Immune Response of the Tasmanian Devil ( <i>Sarcophilus harrisii</i> ) and Devil Facial Tumour Disease. <i>EcoHealth</i> , <b>2007</b> , 4, 338-345	3.1	65
178	Ancient antimicrobial peptides kill antibiotic-resistant pathogens: Australian mammals provide new options. <i>PLoS ONE</i> , <b>2011</b> , 6, e24030	3.7	61
177	Evolution in a transmissible cancer: a study of the chromosomal changes in devil facial tumor (DFT) as it spreads through the wild Tasmanian devil population. <i>Cancer Genetics</i> , <b>2012</b> , 205, 101-12	2.3	60

176	Reduced effect of Tasmanian devil facial tumor disease at the disease front. <i>Conservation Biology</i> , <b>2012</b> , 26, 124-34	6	58
175	Characterization and evolution of vertebrate indoleamine 2, 3-dioxygenases IDOs from monotremes and marsupials. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2009</b> , 153, 137-144	2.3	57
174	Ornithorhynchus anatinus (platypus) links the evolution of immunoglobulin genes in eutherian mammals and nonmammalian tetrapods. <i>Journal of Immunology</i> , <b>2009</b> , 183, 3285-93	5.3	57
173	Allorecognition in the Tasmanian devil ( <i>Sarcophilus harrisii</i> ), an endangered marsupial species with limited genetic diversity. <i>PLoS ONE</i> , <b>2011</b> , 6, e22402	3.7	55
172	Characterization of major histocompatibility complex class I and class II genes from the Tasmanian devil ( <i>Sarcophilus harrisii</i> ). <i>Immunogenetics</i> , <b>2007</b> , 59, 753-60	3.2	55
171	Low MHC class II diversity in the Tasmanian devil ( <i>Sarcophilus harrisii</i> ). <i>Immunogenetics</i> , <b>2012</b> , 64, 525-33	3.2	52
170	Evolution of the avian Defensin and cathelicidin genes. <i>BMC Evolutionary Biology</i> , <b>2015</b> , 15, 188	3	47
169	Antigen-presenting genes and genomic copy number variations in the Tasmanian devil MHC. <i>BMC Genomics</i> , <b>2012</b> , 13, 87	4.5	47
168	Novel venom gene discovery in the platypus. <i>Genome Biology</i> , <b>2010</b> , 11, R95	18.3	45
167	Evolution and comparative analysis of the MHC Class III inflammatory region. <i>BMC Genomics</i> , <b>2006</b> , 7, 281	4.5	45
166	Mammalian l-to-d-amino-acid-residue isomerase from platypus venom. <i>FEBS Letters</i> , <b>2006</b> , 580, 1587-91	3.8	45
165	Lack of genetic diversity across diverse immune genes in an endangered mammal, the Tasmanian devil ( <i>Sarcophilus harrisii</i> ). <i>Molecular Ecology</i> , <b>2015</b> , 24, 3860-72	5.7	43
164	Regression of devil facial tumour disease following immunotherapy in immunised Tasmanian devils. <i>Scientific Reports</i> , <b>2017</b> , 7, 43827	4.9	42
163	Low major histocompatibility complex diversity in the Tasmanian devil predates European settlement and may explain susceptibility to disease epidemics. <i>Biology Letters</i> , <b>2013</b> , 9, 20120900	3.6	40
162	The role of the Major Histocompatibility Complex in the spread of contagious cancers. <i>Mammalian Genome</i> , <b>2011</b> , 22, 83-90	3.2	40
161	MHC-linked and un-linked class I genes in the wallaby. <i>BMC Genomics</i> , <b>2009</b> , 10, 310	4.5	40
160	Variants in the host genome may inhibit tumour growth in devil facial tumours: evidence from genome-wide association. <i>Scientific Reports</i> , <b>2017</b> , 7, 423	4.9	38
159	In silico identification of opossum cytokine genes suggests the complexity of the marsupial immune system rivals that of eutherian mammals. <i>Immunome Research</i> , <b>2006</b> , 2, 4		38

158	The Value of Reference Genomes in the Conservation of Threatened Species. <i>Genes</i> , <b>2019</b> , 10,	4.2	36
157	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> , <b>2012</b> , 11, 1354-64	7.6	35
156	Comparative genomics indicates the mammalian CD33rSiglec locus evolved by an ancient large-scale inverse duplication and suggests all Siglecs share a common ancestral region. <i>Immunogenetics</i> , <b>2009</b> , 61, 401-17	3.2	34
155	Immunoglobulin genetics of <i>Ornithorhynchus anatinus</i> (platypus) and <i>Tachyglossus aculeatus</i> (short-beaked echidna). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2003</b> , 136, 811-9	2.6	33
154	Understanding and utilising mammalian venom via a platypus venom transcriptome. <i>Journal of Proteomics</i> , <b>2009</b> , 72, 155-64	3.9	32
153	Molecular cloning of the cDNA encoding the constant region of the immunoglobulin A heavy chain (C alpha) from a marsupial: <i>Trichosurus vulpecula</i> (common brushtail possum). <i>Immunology Letters</i> , <b>1998</b> , 60, 165-70	4.1	32
152	Echidna IgA supports mammalian unity and traditional Therian relationship. <i>Mammalian Genome</i> , <b>2002</b> , 13, 656-63	3.2	32
151	Increasing generations in captivity is associated with increased vulnerability of Tasmanian devils to vehicle strike following release to the wild. <i>Scientific Reports</i> , <b>2017</b> , 7, 2161	4.9	31
150	The tammar wallaby major histocompatibility complex shows evidence of past genomic instability. <i>BMC Genomics</i> , <b>2011</b> , 12, 421	4.5	31
149	Characterization and isolation of L-to-D-amino-acid-residue isomerase from platypus venom. <i>Amino Acids</i> , <b>2007</b> , 32, 63-8	3.5	31
148	Characterisation of echidna IgM provides insights into the time of divergence of extant mammals. <i>Developmental and Comparative Immunology</i> , <b>2002</b> , 26, 831-9	3.2	31
147	Universal DNA methylation age across mammalian tissues		31
146	A limited role for gene duplications in the evolution of platypus venom. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 167-77	8.3	30
145	Marsupial MHC class II beta genes are not orthologous to the eutherian beta gene families. <i>Journal of Heredity</i> , <b>2004</b> , 95, 338-45	2.4	30
144	Fecal Viral Diversity of Captive and Wild Tasmanian Devils Characterized Using Virion-Enriched Metagenomics and Metatranscriptomics. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	29
143	Reptile Pregnancy Is Underpinned by Complex Changes in Uterine Gene Expression: A Comparative Analysis of the Uterine Transcriptome in Viviparous and Oviparous Lizards. <i>Genome Biology and Evolution</i> , <b>2016</b> , 8, 3226-3239	3.9	29
142	Identification of dendritic cells, B cell and T cell subsets in Tasmanian devil lymphoid tissue; evidence for poor immune cell infiltration into devil facial tumors. <i>Anatomical Record</i> , <b>2014</b> , 297, 925-38 <sup>2.1</sup>	2.1	29
141	Evolution and comparative analysis of the bat MHC-I region. <i>Scientific Reports</i> , <b>2016</b> , 6, 21256	4.9	29

140	Development of a SNP-based assay for measuring genetic diversity in the Tasmanian devil insurance population. <i>BMC Genomics</i> , <b>2015</b> , 16, 791	4.5	28
139	New insights into the role of MHC diversity in devil facial tumour disease. <i>PLoS ONE</i> , <b>2012</b> , 7, e36955	3.7	28
138	Platypus and echidna genomes reveal mammalian biology and evolution. <i>Nature</i> , <b>2021</b> , 592, 756-762	50.4	28
137	Long-read genome sequence assembly provides insight into ongoing retroviral invasion of the koala germline. <i>Scientific Reports</i> , <b>2017</b> , 7, 15838	4.9	27
136	Contagious cancer: lessons from the devil and the dog. <i>BioEssays</i> , <b>2012</b> , 34, 285-92	4.1	27
135	Immunoglobulin genetics of marsupials. <i>Developmental and Comparative Immunology</i> , <b>2000</b> , 24, 485-90	3.2	27
134	Immunization Strategies Producing a Humoral IgG Immune Response against Devil Facial Tumor Disease in the Majority of Tasmanian Devils Destined for Wild Release. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 259	8.4	26
133	No evidence of inbreeding depression in a Tasmanian devil insurance population despite significant variation in inbreeding. <i>Scientific Reports</i> , <b>2017</b> , 7, 1830	4.9	26
132	Devil Tools & Tech Synergy of Conservation Research and Management Practice. <i>Conservation Letters</i> , <b>2017</b> , 10, 133-138	6.9	26
131	Expression patterns of platypus defensin and related venom genes across a range of tissue types reveal the possibility of broader functions for OvDLPs than previously suspected. <i>Toxicon</i> , <b>2008</b> , 52, 559-65	2.8	25
130	Unusually similar patterns of antibody V segment diversity in distantly related marsupials. <i>Journal of Immunology</i> , <b>2005</b> , 174, 5665-71	5.3	25
129	Isolation and sequence of a cDNA coding for the heavy chain constant region of IgG from the Australian brushtail possum, <i>Trichosurus vulpecula</i> . <i>Molecular Immunology</i> , <b>1999</b> , 36, 535-41	4.3	25
128	Comparative genomics of hormonal signaling in the chorioallantoic membrane of oviparous and viviparous amniotes. <i>General and Comparative Endocrinology</i> , <b>2017</b> , 244, 19-29	3	24
127	From reference genomes to population genomics: comparing three reference-aligned reduced-representation sequencing pipelines in two wildlife species. <i>BMC Genomics</i> , <b>2019</b> , 20, 453	4.5	24
126	Selection on MHC class II supertypes in the New Zealand endemic Hochstetter's frog. <i>BMC Evolutionary Biology</i> , <b>2015</b> , 15, 63	3	23
125	A demonstration of conservation genomics for threatened species management. <i>Molecular Ecology Resources</i> , <b>2020</b> , 20, 1526-1541	8.4	23
124	Characterisation of non-classical MHC class I genes in the Tasmanian devil ( <i>Sarcophilus harrisii</i> ). <i>Immunogenetics</i> , <b>2014</b> , 66, 727-35	3.2	23
123	Evolution of the major histocompatibility complex: Isolation of class II beta cDNAs from two monotremes, the platypus and the short-beaked echidna. <i>Immunogenetics</i> , <b>2003</b> , 55, 402-11	3.2	23

122	Characterisation of four major histocompatibility complex class II genes of the koala ( <i>Phascolarctos cinereus</i> ). <i>Immunogenetics</i> , <b>2013</b> , 65, 37-46	3.2	22
121	Immunome database for marsupials and monotremes. <i>BMC Immunology</i> , <b>2011</b> , 12, 48	3.7	22
120	Identification of natural killer cell receptor clusters in the platypus genome reveals an expansion of C-type lectin genes. <i>Immunogenetics</i> , <b>2009</b> , 61, 565-79	3.2	22
119	Molecular cloning of the brushtail possum ( <i>Trichosurus vulpecula</i> ) immunoglobulin E heavy chain constant region. <i>Molecular Immunology</i> , <b>1999</b> , 36, 1255-61	4.3	22
118	Isolation and comparison of the IgM heavy chain constant regions from Australian ( <i>Trichosurus vulpecula</i> ) and American ( <i>Monodelphis domestica</i> ) marsupials. <i>Developmental and Comparative Immunology</i> , <b>1999</b> , 23, 649-56	3.2	22
117	Pedigree reconstruction using molecular data reveals an early warning sign of gene diversity loss in an island population of Tasmanian devils ( <i>Sarcophilus harrisii</i> ). <i>Conservation Genetics</i> , <b>2018</b> , 19, 439-450	2.6	21
116	Genomic insights into a contagious cancer in Tasmanian devils. <i>Trends in Genetics</i> , <b>2015</b> , 31, 528-35	8.5	21
115	Molecular cloning and characterization of the polymorphic MHC class II DBB from the tammar wallaby ( <i>Macropus eugenii</i> ). <i>Immunogenetics</i> , <b>2004</b> , 55, 791-5	3.2	21
114	Characterization of immunoglobulin gamma 1 from a monotreme, <i>Tachyglossus aculeatus</i> . <i>Immunogenetics</i> , <b>2002</b> , 53, 1065-71	3.2	21
113	Looking like the locals - gut microbiome changes post-release in an endangered species. <i>Animal Microbiome</i> , <b>2019</b> , 1, 8	4.1	21
112	Diversity in the Toll-like receptor genes of the Tasmanian devil ( <i>Sarcophilus harrisii</i> ). <i>Immunogenetics</i> , <b>2015</b> , 67, 195-201	3.2	20
111	Identification of natural killer cell receptor genes in the genome of the marsupial Tasmanian devil ( <i>Sarcophilus harrisii</i> ). <i>Immunogenetics</i> , <b>2013</b> , 65, 25-35	3.2	20
110	Characterization of MHC class II genes from an ancient reptile lineage, <i>Sphenodon</i> (tuatara). <i>Immunogenetics</i> , <b>2005</b> , 57, 883-91	3.2	20
109	Complex problems need detailed solutions: Harnessing multiple data types to inform genetic management in the wild. <i>Evolutionary Applications</i> , <b>2019</b> , 12, 280-291	4.8	20
108	Anthropogenic selection enhances cancer evolution in Tasmanian devil tumours. <i>Evolutionary Applications</i> , <b>2014</b> , 7, 260-5	4.8	19
107	Telomere dynamics and homeostasis in a transmissible cancer. <i>PLoS ONE</i> , <b>2012</b> , 7, e44085	3.7	19
106	Does the devil facial tumour produce immunosuppressive cytokines as an immune evasion strategy?. <i>Veterinary Immunology and Immunopathology</i> , <b>2013</b> , 153, 159-64	2	19
105	Transcriptomic analysis supports similar functional roles for the two thymuses of the tammar wallaby. <i>BMC Genomics</i> , <b>2011</b> , 12, 420	4.5	19

104	Platypus Venom: a Review. <i>Australian Mammalogy</i> , <b>2007</b> , 29, 57	1.1	19
103	Cloning of the MHC class II DRB cDNA from the brushtail possum ( <i>Trichosurus vulpecula</i> ). <i>Immunology Letters</i> , <b>2001</b> , 76, 31-6	4.1	19
102	Significant decline in anticancer immune capacity during puberty in the Tasmanian devil. <i>Scientific Reports</i> , <b>2017</b> , 7, 44716	4.9	18
101	Too much of a good thing? Finding the most informative genetic data set to answer conservation questions. <i>Molecular Ecology Resources</i> , <b>2019</b> , 19, 659-671	8.4	18
100	Characterisation of major histocompatibility complex class I in the Australian cane toad, <i>Rhinella marina</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e102824	3.7	18
99	Genome sequence of an Australian kangaroo, <i>Macropus eugenii</i> , provides insight into the evolution of mammalian reproduction and development <b>2011</b> , 12, 414		18
98	Transmissible cancers in an evolutionary context. <i>BioEssays</i> , <b>2016</b> , 38 Suppl 1, S14-23	4.1	18
97	The effects of group versus intensive housing on the retention of genetic diversity in insurance populations. <i>BMC Zoology</i> , <b>2018</b> , 3,	1.8	17
96	Evolution of a contagious cancer: epigenetic variation in Devil Facial Tumour Disease. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20121720	4.4	17
95	Marsupial immunology bounding ahead. <i>Australian Journal of Zoology</i> , <b>2013</b> , 61, 24	0.5	17
94	High levels of genetic variation at MHC class II DBB loci in the tammar wallaby ( <i>Macropus eugenii</i> ). <i>Immunogenetics</i> , <b>2009</b> , 61, 111-8	3.2	17
93	Characterisation of the kappa light chain of the brushtail possum ( <i>Trichosurus vulpecula</i> ). <i>Veterinary Immunology and Immunopathology</i> , <b>2001</b> , 78, 317-24	2	17
92	Characterisation of the immune compounds in koala milk using a combined transcriptomic and proteomic approach. <i>Scientific Reports</i> , <b>2016</b> , 6, 35011	4.9	16
91	Bioluminescent murine models of bacterial sepsis and scald wound infections for antimicrobial efficacy testing. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200195	3.7	16
90	The koala immunological toolkit: sequence identification and comparison of key markers of the koala ( <i>Phascolarctos cinereus</i> ) immune response. <i>Australian Journal of Zoology</i> , <b>2014</b> , 62, 195	0.5	15
89	A comparative genomics approach to understanding transmissible cancer in Tasmanian devils. <i>Annual Review of Genomics and Human Genetics</i> , <b>2012</b> , 13, 207-22	9.7	15
88	High levels of variability in immune response using antigens from two reproductive proteins in brushtail possums. <i>Wildlife Research</i> , <b>2005</b> , 32, 1	1.8	15
87	Transcriptomic changes in the pre-implantation uterus highlight histotrophic nutrition of the developing marsupial embryo. <i>Scientific Reports</i> , <b>2018</b> , 8, 2412	4.9	14

86	Allelic expression of mammalian imprinted genes in a matrotrophic lizard, <i>Pseudemoia entrecasteauxii</i> . <i>Development Genes and Evolution</i> , <b>2016</b> , 226, 79-85	1.8	14
85	Echidna venom gland transcriptome provides insights into the evolution of monotreme venom. <i>PLoS ONE</i> , <b>2013</b> , 8, e79092	3.7	14
84	A Tasmanian devil breeding program to support wild recovery. <i>Reproduction, Fertility and Development</i> , <b>2019</b> , 31, 1296-1304	1.8	14
83	Impacts of early viability selection on management of inbreeding and genetic diversity in conservation. <i>Molecular Ecology</i> , <b>2015</b> , 24, 1645-53	5.7	13
82	MHC diversity and female age underpin reproductive success in an Australian icon; the Tasmanian Devil. <i>Scientific Reports</i> , <b>2018</b> , 8, 4175	4.9	13
81	Isolation and characterisation of 11 MHC-linked microsatellite loci in the Tasmanian devil ( <i>Sarcophilus harrisii</i> ). <i>Conservation Genetics Resources</i> , <b>2012</b> , 4, 463-465	0.8	13
80	Diversity of MHC class II DAB1 in the koala ( <i>Phascolarctos cinereus</i> ). <i>Australian Journal of Zoology</i> , <b>2012</b> , 60, 1	0.5	13
79	MHC screening for marsupial conservation: extremely low levels of class II diversity indicate population vulnerability for an endangered Australian marsupial. <i>Conservation Genetics</i> , <b>2010</b> , 11, 269-278 <sup>6</sup>	2.6	13
78	Isolation of major histocompatibility complex Class I genes from the tammar wallaby ( <i>Macropus eugenii</i> ). <i>Immunogenetics</i> , <b>2006</b> , 58, 487-93	3.2	13
77	An Mhc class I gene in the Australian brushtail possum ( <i>Trichosurus vulpecula</i> ). <i>Immunogenetics</i> , <b>2001</b> , 53, 430-3	3.2	13
76	The identification of immune genes in the milk transcriptome of the Tasmanian devil ( <i>Sarcophilus harrisii</i> ). <i>PeerJ</i> , <b>2016</b> , 4, e1569	3.1	13
75	Characterisation of MHC class I genes in the koala. <i>Immunogenetics</i> , <b>2018</b> , 70, 125-133	3.2	12
74	Ontogeny of immunoglobulin expression in the brushtail possum ( <i>Trichosurus vulpecula</i> ). <i>Developmental and Comparative Immunology</i> , <b>2002</b> , 26, 599-602	3.2	12
73	Platypus venom genes expressed in non-venom tissues. <i>Australian Journal of Zoology</i> , <b>2009</b> , 57, 199	0.5	12
72	Immunoglobulin dynamics and cancer prevalence in Tasmanian devils ( <i>Sarcophilus harrisii</i> ). <i>Scientific Reports</i> , <b>2016</b> , 6, 25093	4.9	12
71	Tasmanian devils with contagious cancer exhibit a constricted T-cell repertoire diversity. <i>Communications Biology</i> , <b>2019</b> , 2, 99	6.7	11
70	Cloning and structural analysis of two highly divergent IgA isotypes, IgA1 and IgA2 from the duck billed platypus, <i>Ornithorhynchus anatinus</i> . <i>Molecular Immunology</i> , <b>2010</b> , 47, 785-91	4.3	11
69	L-to-D-peptide isomerase in male echidna venom. <i>Australian Journal of Zoology</i> , <b>2010</b> , 58, 284	0.5	11



68	Gomesin peptides prevent proliferation and lead to the cell death of devil facial tumour disease cells. <i>Cell Death Discovery</i> , <b>2018</b> , 4, 19	6.9	10
67	Identification and analysis of divergent immune gene families within the Tasmanian devil genome. <i>BMC Genomics</i> , <b>2015</b> , 16, 1017	4.5	10
66	Antimicrobial Protection of Marsupial Pouch Young. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 354	5.7	9
65	Identification, characterisation and expression analysis of natural killer receptor genes in <i>Chlamydia pecorum</i> infected koalas ( <i>Phascolarctos cinereus</i> ). <i>BMC Genomics</i> , <b>2015</b> , 16, 796	4.5	9
64	Tracing monotreme venom evolution in the genomics era. <i>Toxins</i> , <b>2014</b> , 6, 1260-73	4.9	9
63	Molecular identification of interleukin-2 in the lymphoid tissues of the common brushtail possum, <i>Trichosurus vulpecula</i> . <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 36, 236-40	3.2	9
62	Hatching time for monotreme immunology. <i>Australian Journal of Zoology</i> , <b>2009</b> , 57, 185	0.5	9
61	Evolution of viviparity and uterine angiogenesis: vascular endothelial growth factor (VEGF) in oviparous and viviparous skinks. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , <b>2010</b> , 314, 148-56	1.8	9
60	Genomic identification of chemokines and cytokines in opossum. <i>Journal of Interferon and Cytokine Research</i> , <b>2011</b> , 31, 317-30	3.5	9
59	Characterization of the antimicrobial peptide family defensins in the Tasmanian devil ( <i>Sarcophilus harrisii</i> ), koala ( <i>Phascolarctos cinereus</i> ), and tammar wallaby ( <i>Macropus eugenii</i> ). <i>Immunogenetics</i> , <b>2017</b> , 69, 133-143	3.2	8
58	Placental lipoprotein lipase (LPL) gene expression in a placentotrophic lizard, <i>Pseudemoia entrecasteauxii</i> . <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , <b>2013</b> , 320, 465-70	1.8	8
57	Isolation and characterization of 10 MHC Class I-associated microsatellite loci in tammar wallaby ( <i>Macropus eugenii</i> ). <i>Molecular Ecology Resources</i> , <b>2009</b> , 9, 346-9	8.4	8
56	Threatened Species Initiative: Empowering conservation action using genomic resources.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	8
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40	Physical mapping of immune genes in the tammar wallaby ( <i>Macropus eugenii</i> ). <i>Cytogenetic and Genome Research</i> , <b>2009</b> , 127, 21-5	1.9	4
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30	Characterisation of the faecal virome of captive and wild Tasmanian devils using virus-like particles metagenomics and meta-transcriptomics		3
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27	A reference genome for the critically endangered woylie, <i>Bettongia penicillata ogilbyi</i> . <i>GigaByte</i> , <b>2021</b> , 1-15		3
26	A targeted approach to investigating immune genes of an iconic Australian marsupial.. <i>Molecular Ecology</i> , <b>2022</b> ,	5.7	3
25	Immune escape strategies of a contagious cancer, devil facial tumour disease. <i>Molecular Immunology</i> , <b>2012</b> , 51, 30	4.3	2
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23	Assessing evolutionary processes over time in a conservation breeding program: a combined approach using molecular data, simulations and pedigree analysis. <i>Biodiversity and Conservation</i> , <b>2021</b> , 30, 1011-1029	3.4	2
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21	Inbreeding depression in one of the last DFTD-free wild populations of Tasmanian devils. <i>PeerJ</i> , <b>2020</b> , 8, e9220	3.1	1
20	How much is enough? Sampling intensity influences estimates of reproductive variance in an introduced population. <i>Ecological Applications</i> , <b>2021</b> , e02462	4.9	1
19	The Marsupial Major Histocompatibility Complex <b>2010</b> , 339-356		1
18	Marsupial Immunology <b>2018</b> ,		1
17	Molecular characterisation of Interleukin-2 in two Australian marsupials (the tammar wallaby, <i>Notamacropus eugenii</i> , and the Tasmanian devil, <i>Sarcophilus harrisii</i> ) facilitates the development of marsupial-specific immunological reagents. <i>Australian Mammalogy</i> , <b>2019</b> , 41, 39	1.1	1
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15	First evidence of deviation from Mendelian proportions in a conservation programme. <i>Molecular Ecology</i> , <b>2021</b> , 30, 3703-3715	5.7	1

14	Transmissible cancers in an evolutionary context. <i>Inside the Cell</i> , <b>2016</b> , 1, 17-26		1
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