

# Damien P Higgins

## List of Publications by Year in descending order

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58  
papers

1,046  
citations

361296

20  
h-index

501076

28  
g-index

58  
all docs

58  
docs citations

58  
times ranked

846  
citing authors

#	ARTICLE	IF	CITATIONS
1	A RETROSPECTIVE STUDY OF ADMISSION TRENDS OF KOALAS TO A REHABILITATION FACILITY OVER 30 YEARS. <i>Journal of Wildlife Diseases</i> , 2013, 49, 18-28.	0.3	71
2	Association of Uterine and Salpingeal Fibrosis with Chlamydial Hsp60 and Hsp10 Antigen-Specific Antibodies in Chlamydia -Infected Koalas. <i>Vaccine Journal</i> , 2005, 12, 632-639.	3.2	40
3	Genetic diversity in the plasticity zone and the presence of the chlamydial plasmid differentiates <i>Chlamydia pecorum</i> strains from pigs, sheep, cattle, and koalas. <i>BMC Genomics</i> , 2015, 16, 893.	1.2	40
4	Plasma concentrations of chloramphenicol after subcutaneous administration to koalas ( <i>Phascolarctos cinereus</i> ) with chlamydiosis. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2012, 35, 147-154.	0.6	37
5	Absorption of enrofloxacin and marbofloxacin after oral and subcutaneous administration in diseased koalas ( <i>Phascolarctos cinereus</i> ). <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2010, 33, 595-604.	0.6	35
6	Epidemiology of hookworm ( <i>Uncinaria sanguinis</i> ) infection in free-ranging Australian sea lion ( <i>Neophoca cinerea</i> ) pups. <i>Parasitology Research</i> , 2014, 113, 3341-3353.	0.6	34
7	Altered Immune Cytokine Expression Associated with KoRV B Infection and Season in Captive Koalas. <i>PLoS ONE</i> , 2016, 11, e0163780.	1.1	34
8	USE OF MIDAZOLAM/PETHIDINE AND TILETAMINE/ZOLAZEPAM COMBINATIONS FOR THE CHEMICAL RESTRAINT OF LEOPARD SEALS ( <i>HYDRURGA LEPTONYX</i> ). <i>Marine Mammal Science</i> , 2002, 18, 483-499.	0.9	32
9	Expression profiles of the immune genes CD4, CD8 <sup>α</sup> , IFN <sup>γ</sup> , IL-4, IL-6 and IL-10 in mitogen-stimulated koala lymphocytes ( <i>Phascolarctos cinereus</i> ) by qRT-PCR. <i>PeerJ</i> , 2014, 2, e280.	0.9	32
10	Pharmacokinetics of meloxicam in koalas ( <i>Phascolarctos cinereus</i> ) after intravenous, subcutaneous and oral administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2013, 36, 486-493.	0.6	31
11	MHC class II diversity of koala ( <i>Phascolarctos cinereus</i> ) populations across their range. <i>Heredity</i> , 2014, 113, 287-296.	1.2	30
12	Health assessment of free-ranging endangered Australian sea lion ( <i>Neophoca cinerea</i> ) pups: Effect of haematophagous parasites on haematological parameters. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 184, 132-143.	0.8	29
13	Genomic comparisons reveal biogeographic and anthropogenic impacts in the koala ( <i>Phascolarctos</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Over</i> 122, 525-544.	1.2	29
14	Orchitis and Epididymitis in Koalas ( <i>Phascolarctos cinereus</i> ) Infected With <i>Chlamydia pecorum</i> . <i>Veterinary Pathology</i> , 2015, 52, 1254-1257.	0.8	27
15	Immuno-histochemical Demonstration of the Role of Chlamydiaceae in Renal, Uterine and Salpingeal Disease of the Koala, and Demonstration of Chlamydiaceae in Novel Sites. <i>Journal of Comparative Pathology</i> , 2005, 133, 164-174.	0.1	26
16	Characterisation of four major histocompatibility complex class II genes of the koala ( <i>Phascolarctos</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.2	25
17	Diversity of MHC <i>DQB</i> and <i>DRB</i> Genes in the Endangered Australian Sea Lion ( <i>Neophoca</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	1.0	25
18	Neural angiostrongylosis in three captive rufous bettongs ( <i>Aepyprymnus rufescens</i> ). <i>Australian Veterinary Journal</i> , 1997, 75, 564-566.	0.5	23

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19	Diagnosis, treatment and outcomes for koala chlamydiosis at a rehabilitation facility (1995–2005). <i>Australian Veterinary Journal</i> , 2012, 90, 457-463.	0.5	22
20	Comparative Genome Analyses Reveal Distinct Structure in the Saltwater Crocodile MHC. <i>PLoS ONE</i> , 2014, 9, e114631.	1.1	22
21	The Role of Bioacoustic Signals in Koala Sexual Selection: Insights from Seasonal Patterns of Associations Revealed with GPS-Proximity Units. <i>PLoS ONE</i> , 2015, 10, e0130657.	1.1	21
22	Ivermectin treatment of free-ranging endangered Australian sea lion ( <i>Neophoca cinerea</i> ) pups: effect on hookworm and lice infection status, haematological parameters, growth, and survival. <i>Parasitology Research</i> , 2015, 114, 2743-2755.	0.6	20
23	<i>Chlamydia pecorum</i> Infection in the Male Reproductive System of Koalas ( <i>Phascolarctos</i> )	0.8	19
24	Identification of MHCII variants associated with chlamydial disease in the koala ( <i>Phascolarctos</i> )	0.9	18
25	USE OF A PETHIDINE AND MIDAZOLAM COMBINATION FOR THE REVERSIBLE SEDATION OF CRABEATER SEALS ( <i>LOBODON CARCINOPHAGUS</i> ). <i>Marine Mammal Science</i> , 2003, 19, 581-589.	0.9	17
26	In vitro activity of chloramphenicol, florfenicol and enrofloxacin against <i>Chlamydia pecorum</i> isolated from koalas ( <i>Phascolarctos cinereus</i> ).	0.5	17
27	<i>Uncinaria sanguinis</i> sp. n. (Nematoda: Ancylostomatidae) from the endangered Australian sea lion, <i>Neophoca cinerea</i> (Carnivora: Otariidae). <i>Folia Parasitologica</i> , 2014, 61, 255-265.	0.7	17
28	Within-population diversity of koala <i>Chlamydia pecorum</i> at ompA VD1-VD3 and the ORF663 hypothetical gene. <i>Veterinary Microbiology</i> , 2012, 156, 353-358.	0.8	16
29	Selection and Trans-Species Polymorphism of Major Histocompatibility Complex Class II Genes in the Order Crocodylia. <i>PLoS ONE</i> , 2014, 9, e87534.	1.1	15
30	Diversity of MHC class II DAB1 in the koala ( <i>Phascolarctos cinereus</i> ). <i>Australian Journal of Zoology</i> , 2012, 60, 1.	0.6	14
31	Pharmacokinetics of chloramphenicol following administration of intravenous and subcutaneous chloramphenicol sodium succinate, and subcutaneous chloramphenicol, to koalas ( <i>Phascolarctos</i> )	0.8	14
32	Unexpected absence of genetic separation of a highly diverse population of hookworms from geographically isolated hosts. <i>Infection, Genetics and Evolution</i> , 2014, 28, 192-200.	1.0	14
33	Genetic differences in <i>Chlamydia pecorum</i> between neighbouring sub-populations of koalas ( <i>Phascolarctos cinereus</i> ). <i>Veterinary Microbiology</i> , 2019, 231, 264-270.	0.8	14
34	Antibiotics for the preservation of koala ( <i>Phascolarctos cinereus</i> ) semen. <i>Australian Veterinary Journal</i> , 1998, 76, 335-338.	0.5	13
35	Looks can deceive: Molecular identity of an intraerythrocytic apicomplexan parasite in Australian gliders. <i>Veterinary Parasitology</i> , 2009, 159, 105-111.	0.7	13
36	MHC class I of saltwater crocodiles ( <i>Crocodylus porosus</i> ): polymorphism and balancing selection. <i>Immunogenetics</i> , 2012, 64, 825-838.	1.2	13

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37	Evolution of MHC class I in the Order Crocodylia. <i>Immunogenetics</i> , 2014, 66, 53-65.	1.2	13
38	Altered immune parameters associated with Koala Retrovirus (KoRV) and Chlamydial infection in free ranging Victorian koalas ( <i>Phascolarctos cinereus</i> ). <i>Scientific Reports</i> , 2019, 9, 11170.	1.6	13
39	Collection and short-term preservation of semen from free-ranging eastern grey kangaroos ( <i>Macropus giganteus</i> : <i>Macropodidae</i> ). <i>Australian Veterinary Journal</i> , 1997, 75, 648-651.	0.5	12
40	Pneumonia due to <i>Chlamydia pecorum</i> in a Koala ( <i>Phascolarctos cinereus</i> ). <i>Journal of Comparative Pathology</i> , 2016, 155, 356-360.	0.1	12
41	Validation of ultrasonography in detecting structural disease of the urogenital tract of the koala, <i>Phascolarctos cinereus</i> . <i>Australian Veterinary Journal</i> , 2014, 92, 177-178.	0.5	11
42	MT-PCR panel detection of canine parvovirus (CPV-2): Vaccine and wild-type CPV-2 can be difficult to differentiate in canine diagnostic fecal samples. <i>Molecular and Cellular Probes</i> , 2017, 33, 20-23.	0.9	10
43	Comparison of multiplexed-tandem real-time PCR panel with reference real-time PCR molecular diagnostic assays for detection of <i>Giardia intestinalis</i> and <i>Trichostrongylus axei</i> in cats. <i>Veterinary Parasitology</i> , 2019, 266, 12-17.	0.7	10
44	Assessment of anti-bovine IL4 and IFN gamma antibodies to label IL4 and IFN gamma in lymphocytes of the koala and brushtail possum. <i>Veterinary Immunology and Immunopathology</i> , 2004, 101, 153-160.	0.5	9
45	Expression and in vitro upregulation of MHCII in koala lymphocytes. <i>Veterinary Immunology and Immunopathology</i> , 2012, 147, 35-43.	0.5	9
46	Auditory anatomy of beaked whales and other odontocetes: Potential for cochlear stimulation via a vibroacoustic duct mechanism. <i>Marine Mammal Science</i> , 2016, 32, 552-567.	0.9	9
47	Completing the Genome Sequence of <i>Chlamydia pecorum</i> Strains MC/MarsBar and DBDeUG: New Insights into This Enigmatic Koala ( <i>Phascolarctos cinereus</i> ) Pathogen. <i>Pathogens</i> , 2021, 10, 1543.	1.2	6
48	Mitochondrial DNA analyses of the saltwater crocodile ( <i>Crocodylus porosus</i> ) from the Northern Territory of Australia. <i>Australian Journal of Zoology</i> , 2012, 60, 18.	0.6	5
49	Cytokine RT-qPCR and ddPCR for immunological investigations of the endangered Australian sea lion ( <i>Neophoca cinerea</i> ) and other mammals. <i>PeerJ</i> , 2020, 8, e10306.	0.9	5
50	A Survey of Pesticide Accumulation in a Specialist Feeder, the Koala ( <i>Phascolarctos cinereus</i> ). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 99, 303-307.	1.3	4
51	Ingestion and Absorption of Eucalypt Monoterpenes in the Specialist Feeder, the Koala ( <i>Phascolarctos cinereus</i> ). <i>Journal of Environmental Contamination and Toxicology</i> , 2017, 99, 303-307.	0.9	4
52	Differences in constitutive innate immunity between divergent Australian marsupials. <i>Developmental and Comparative Immunology</i> , 2022, 132, 104399.	1.0	4
53	Histopathological Examination of the Pancreas of the Koala ( <i>Phascolarctos cinereus</i> ). <i>Journal of Comparative Pathology</i> , 2009, 140, 217-224.	0.1	3
54	Effects of Eucalypt Plant Monoterpenes on Koala ( <i>Phascolarctos cinereus</i> ) Cytokine Expression In Vitro. <i>Scientific Reports</i> , 2019, 9, 16545.	1.6	3

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55	Monotremes and Marsupials. , 2018, , 455-480.		2
56	Developing Immune Profiles of Endangered Australian Sea Lion ( <i>Neophoca cinerea</i> ) Pups Within the Context of Endemic Hookworm ( <i>Uncinaria sanguinis</i> ) Infection. <i>Frontiers in Veterinary Science</i> , 2022, 9, 824584.	0.9	2
57	Primers for amplifying major histocompatibility complex class II DQB and DRB exon 2 in the Australian sea lion ( <i>Neophoca cinerea</i> ). <i>Conservation Genetics Resources</i> , 2014, 6, 813-816.	0.4	1
58	Retrospective anti-tetanus antibody responses of zoo-based Asian elephants ( <i>Elephas maximus</i> ) and rhinoceros ( <i>Rhinocerotidae</i> ). <i>Developmental and Comparative Immunology</i> , 2021, 114, 103841.	1.0	0