

# Kristopher Hughes

## List of Publications by Citations

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

89 papers	1,054 citations	19 h-index	27 g-index
94 ext. papers	1,217 ext. citations	1.7 avg, IF	4.16 L-index

#	Paper	IF	Citations
89	Bose-Einstein-condensate interferometer with macroscopic arm separation. <i>Physical Review A</i> , <b>2006</b> , 74,	2.6	52
88	Type 2 diabetes mellitus with pancreatic beta cell dysfunction in 3 horses confirmed with minimal model analysis. <i>Equine Veterinary Journal</i> , <b>2009</b> , 41, 924-9	2.4	49
87	Comparison of tracheal aspirates and bronchoalveolar lavage in racehorses. 2. Evaluation of the diagnostic significance of neutrophil percentage. <i>Australian Veterinary Journal</i> , <b>2003</b> , 81, 685-7	1.2	47
86	Vacuum-pressure measurement using a magneto-optical trap. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	46
85	Evaluation of cytokine mRNA expression in bronchoalveolar lavage cells from horses with inflammatory airway disease. <i>Veterinary Immunology and Immunopathology</i> , <b>2011</b> , 140, 82-9	2	40
84	The efficacy of ivermectin, pyrantel and fenbendazole against <i>Parascaris equorum</i> infection in foals on farms in Australia. <i>Veterinary Parasitology</i> , <b>2014</b> , 205, 575-80	2.8	39
83	Effects of metformin hydrochloride on blood glucose and insulin responses to oral dextrose in horses. <i>Equine Veterinary Journal</i> , <b>2013</b> , 45, 751-4	2.4	36
82	Equine hyperlipaemia: a review. <i>Australian Veterinary Journal</i> , <b>2004</b> , 82, 136-42	1.2	33
81	Suspension of atoms using optical pulses, and application to gravimetry. <i>Physical Review Letters</i> , <b>2009</b> , 102, 150403	7.4	31
80	Assessment of subclinical venous catheter-related diseases in horses and associated risk factors. <i>Veterinary Record</i> , <b>2009</b> , 164, 227-31	0.9	30
79	Successful treatment of cryptococcal pneumonia in a pony mare. <i>Australian Veterinary Journal</i> , <b>2004</b> , 82, 686-92	1.2	30
78	Comparison of tracheal aspirates and bronchoalveolar lavage in racehorses. 1. Evaluation of cytological stains and the percentage of mast cells and eosinophils. <i>Australian Veterinary Journal</i> , <b>2003</b> , 81, 681-4	1.2	29
77	Suspected <i>Nerium oleander</i> (Oleander) poisoning in a horse. <i>Australian Veterinary Journal</i> , <b>2002</b> , 80, 412-15	1.2	28
76	Comparative study of doramectin and fipronil in the treatment of equine chorioptic mange. <i>Veterinary Record</i> , <b>2007</b> , 161, 335-8	0.9	25
75	Direct measurements of the peroxyhydroperoxy radical isomerisation, a key step in hydrocarbon combustion. <i>Chemical Physics Letters</i> , <b>1992</b> , 191, 581-586	2.5	25
74	Investigation of rhythms of secretion and repeatability of plasma adrenocorticotrophic hormone concentrations in healthy horses and horses with pituitary pars intermedia dysfunction. <i>Equine Veterinary Journal</i> , <b>2014</b> , 46, 113-7	2.4	23
73	The application of exhaled breath gas and exhaled breath condensate analysis in the investigation of the lower respiratory tract in veterinary medicine: A review. <i>Veterinary Journal</i> , <b>2012</b> , 191, 282-91	2.5	22

72	Identifying critical source areas for phosphorus loss in Ireland using field and catchment scale ranking schemes. <i>Journal of Hydrology</i> , <b>2005</b> , 304, 430-445	6	22
71	Results of surgical treatment of colic in miniature breed horses: 11 cases. <i>Australian Veterinary Journal</i> , <b>2003</b> , 81, 260-4	1.2	19
70	Long-term assessment of horses and ponies post exposure to monensin sodium in commercial feed. <i>Equine Veterinary Journal</i> , <b>2009</b> , 41, 47-52	2.4	18
69	Epizootic bovine abortion in a dairy herd: characterization of a <i>Chlamydia psittaci</i> isolate and antibody response. <i>British Veterinary Journal</i> , <b>1995</b> , 151, 683-93		18
68	Stability of common biochemistry analytes in equine blood stored at room temperature. <i>Equine Veterinary Journal</i> , <b>2009</b> , 41, 428-32	2.4	16
67	Repeatability and intra- and inter-observer agreement of cervical vertebral sagittal diameter ratios in horses with neurological disease. <i>Journal of Veterinary Internal Medicine</i> , <b>2014</b> , 28, 1860-70	3.1	15
66	Assessing techniques for disinfecting sites for inserting intravenous catheters into the jugular veins of horses. <i>Veterinary Record</i> , <b>2009</b> , 164, 51-5	0.9	15
65	Multicentric T-cell lymphoma presenting as inferior palpebral swelling in a Standardbred mare. <i>Australian Veterinary Journal</i> , <b>2012</b> , 90, 485-9	1.2	14
64	Bilateral laryngeal paralysis associated with hepatic dysfunction and hepatic encephalopathy in six ponies and four horses. <i>Veterinary Record</i> , <b>2009</b> , 164, 142-7	0.9	14
63	Exhaled breath condensate hydrogen peroxide and pH for the assessment of lower airway inflammation in the horse. <i>Research in Veterinary Science</i> , <b>2009</b> , 87, 307-12	2.5	14
62	Prevalence of cervical vertebral stenotic myelopathy in a population of thoroughbred horses. <i>Veterinary Record</i> , <b>2010</b> , 166, 82-3	0.9	13
61	Long-term management of sabulous cystitis in five horses. <i>Veterinary Record</i> , <b>2008</b> , 162, 783-7	0.9	13
60	The effects of sample handling and N-phenylmaleimide on concentration of adrenocorticotrophic hormone in equine plasma. <i>Equine Veterinary Journal</i> , <b>2015</b> , 47, 587-91	2.4	12
59	Combination fibrinolytic therapy in the treatment of chronic septic pleuropneumonia in a Thoroughbred gelding. <i>Australian Veterinary Journal</i> , <b>2012</b> , 90, 358-62	1.2	12
58	High-fidelity manipulation of a Bose-Einstein condensate using an optical standing wave. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	12
57	Hyperlipaemia in a 7-week-old miniature pony foal. <i>Australian Veterinary Journal</i> , <b>2002</b> , 80, 350-1	1.2	12
56	Haemolytic anaemia in a pony associated with a perivascular abscess caused by <i>Clostridium perfringens</i> . <i>Equine Veterinary Education</i> , <b>2010</b> , 22, 13-19	0.6	11
55	Equine pituitary pars intermedia dysfunction: current understanding and recommendations from the Australian and New Zealand Equine Endocrine Group. <i>Australian Veterinary Journal</i> , <b>2018</b> , 96, 233-242 <sup>1,2</sup>		10

54	Concentrations of dust and endotoxin in equine stabling. <i>Veterinary Record</i> , <b>2009</b> , 165, 293-5	0.9	10
53	Survey of equine castration techniques, preferences and outcomes among Australian veterinarians. <i>Australian Veterinary Journal</i> , <b>2018</b> , 96, 39-45	1.2	9
52	Fibrinous pericarditis and pericardial effusion in three neonatal foals. <i>Australian Veterinary Journal</i> , <b>2014</b> , 92, 392-9	1.2	9
51	Primary haemangiosarcoma in the proximal humerus of a Clydesdale gelding. <i>Equine Veterinary Education</i> , <b>2008</b> , 20, 575-579	0.6	9
50	Hyperlipaemia, neonatal isoerythrolysis and hepatocellular necrosis in a 3-day-old Thoroughbred foal. <i>Australian Veterinary Journal</i> , <b>2005</b> , 83, 740-1	1.2	9
49	Efficacy of a morantel-abamectin combination for the treatment of resistant ascarids in foals. <i>Australian Veterinary Journal</i> , <b>2017</b> , 95, 85-88	1.2	8
48	Assessment of the impact of collection temperature and sampler design on the measurement of exhaled breath condensate pH in healthy horses. <i>Veterinary Journal</i> , <b>2012</b> , 191, 208-12	2.5	8
47	Ocular manifestations of systemic disease in horses. <i>Equine Veterinary Journal</i> , <b>2010</b> , 42, 89-96	2.4	8
46	Stabling causes a significant increase in the pH of the equine airway. <i>Equine Veterinary Journal</i> , <b>2009</b> , 41, 940-3	2.4	8
45	Comparison of tracheal aspirates before and after high-speed treadmill exercise in racehorses. <i>Australian Veterinary Journal</i> , <b>2007</b> , 85, 414-9	1.2	8
44	Pleuropneumonia as a sequela of myelography and general anaesthesia in a Thoroughbred colt. <i>Australian Veterinary Journal</i> , <b>2006</b> , 84, 138-40	1.2	8
43	Primary hyperparathyroidism in a 17-year-old Arab Welsh Cob pony mare with a functional parathyroid adenoma. <i>Equine Veterinary Education</i> , <b>2016</b> , 28, 477-485	0.6	8
42	Chlamydia psittaci infection as a cause of respiratory disease in neonatal foals. <i>Equine Veterinary Journal</i> , <b>2020</b> , 52, 244-249	2.4	8
41	Determination of pergolide in horse plasma by UPLC-MS/MS for pharmacokinetic applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 94, 54-7	3.5	7
40	Unilateral nephrectomy as a treatment for renal trauma in a foal. <i>Australian Veterinary Journal</i> , <b>2004</b> , 82, 753-5	1.2	7
39	Diagnosis of bacterial infections. Part 2: Bacterial cultivation, susceptibility testing and interpretation. <i>Equine Veterinary Education</i> , <b>2008</b> , 20, 658-666	0.6	6
38	Diagnostic challenge: lethargy and weakness in an Arabian foal with cardiac murmurs. Ventricular septal defect (VSD). <i>Australian Veterinary Journal</i> , <b>2006</b> , 84, 209-12	1.2	6
37	WATER-EXTRACTABLE PHOSPHORUS REDUCTION IN POULTRY LITTER WITH CALCIUM- AND IRON-RICH BYPRODUCT AMENDMENTS. <i>Transactions of the American Society of Agricultural Engineers</i> , <b>2004</b> , 47, 2069-2077		5

36	Effect of storage time and temperature on the results of analysis of synovial and mesothelial fluids. <i>Equine Veterinary Journal</i> , <b>2017</b> , 49, 232-237	2.4	4
35	Successful management of multiple extrapulmonary complications associated with <i>Rhodococcus equi</i> pneumonia in a foal. <i>Equine Veterinary Education</i> , <b>2016</b> , 28, 186-192	0.6	4
34	Mitral valve and tricuspid valve dysplasia in a 9-week-old Standardbred colt. <i>Equine Veterinary Education</i> , <b>2013</b> , 25, 339-344	0.6	4
33	Validation of a digital audio recording method for the objective assessment of cough in the horse. <i>Research in Veterinary Science</i> , <b>2010</b> , 89, 266-71	2.5	4
32	Interobserver and intraobserver reliability for 2 grading systems for gastric ulcer syndrome in horses. <i>Journal of Veterinary Internal Medicine</i> , <b>2021</b> , 35, 571-579	3.1	4
31	Inhomogeneity of the density of <i>Parascaris</i> spp. eggs in faeces of individual foals and the use of hypothesis testing for treatment decision making. <i>Veterinary Parasitology</i> , <b>2016</b> , 229, 131-138	2.8	3
30	The application of exhaled breath analysis in racing Thoroughbreds and the influence of high intensity exercise and ambient temperature on the concentration of carbon monoxide and pH in exhaled breath. <i>Veterinary Journal</i> , <b>2013</b> , 197, 318-23	2.5	3
29	The analysis of pergolide residues in horse plasma by LC with fluorescence detection. <i>Journal of AOAC INTERNATIONAL</i> , <b>2013</b> , 96, 1487-93	1.7	3
28	Resolution of hyphaema following intracameral injection of tenecteplase in a Stock Horse. <i>Australian Veterinary Journal</i> , <b>2013</b> , 91, 31-4	1.2	3
27	Unilateral ataxia and head tilt in a 7-year-old Thoroughbred stallion. Temporohyoid osteoarthropathy. <i>Australian Veterinary Journal</i> , <b>2006</b> , 84, 136-7, 141-2	1.2	3
26	A questionnaire study of parasite control in Thoroughbred and Standardbred horses in Australia. <i>Equine Veterinary Journal</i> , <b>2020</b> , 52, 547-555	2.4	3
25	Precision and accuracy of a point-of-care glucometer in horses and the effects of sample type. <i>Veterinary Journal</i> , <b>2019</b> , 252, 105359	2.5	2
24	The application of faecal egg count results and statistical inference for clinical decision making in foals. <i>Veterinary Parasitology</i> , <b>2019</b> , 270, 7-12	2.8	2
23	Exhaled breath condensate hydrogen peroxide, pH and leukotriene B are associated with lower airway inflammation and airway cytology in the horse. <i>Equine Veterinary Journal</i> , <b>2019</b> , 51, 24-32	2.4	2
22	The consistency and influence of environmental and animal factors on exhaled breath condensate hydrogen peroxide, pH and leukotriene B in horses. <i>Veterinary Journal</i> , <b>2017</b> , 226, 46-50	2.5	2
21	Ultrasonographic examination of the painful equine eye. <i>In Practice</i> , <b>2009</b> , 31, 70-76	0.3	2
20	Spinal radiography of the horse. <i>Equine Veterinary Education</i> , <b>2007</b> , 19, 460-462	0.6	2
19	Polysaccharide storage myopathy in an Australian Quarter Horse. <i>Australian Veterinary Journal</i> , <b>2006</b> , 84, 436-8	1.2	2

18	Peri-anaesthetic complications in an equine referral hospital: Risk factors for post anaesthetic colic. <i>Equine Veterinary Journal</i> , <b>2016</b> , 48, 394	2.4	2
17	Effects of sedation and salbutamol administration on hyperpnoea and tidal breathing spirometry in healthy horses. <i>Veterinary Journal</i> , <b>2017</b> , 222, 22-28	2.5	1
16	Thrombocytopenia, neutropenia, ulcerative dermatitis and haemarthrosis in a neonatal foal. <i>Equine Veterinary Education</i> , <b>2018</b> , 30, 647-653	0.6	1
15	Volvulus of the large colon in a neonatal foal. <i>Equine Veterinary Education</i> , <b>2018</b> , 30, 306-311	0.6	1
14	Reliability of breath by breath spirometry and relative flow-time indices for pulmonary function testing in horses. <i>BMC Veterinary Research</i> , <b>2016</b> , 12, 268	2.7	1
13	Factors Associated With Survival and Return to Function Following Synovial Infections in Horses. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 367	3.1	1
12	Oesophageal lumen pH in yearling horses and effects of management and administration of omeprazole. <i>Equine Veterinary Journal</i> , <b>2017</b> , 49, 389-394	2.4	1
11	Focus on: Hendra virus in Australia. <i>Veterinary Record</i> , <b>2014</b> , 175, 533-4	0.9	1
10	Use of fluoroquinolone antimicrobial agents in equine practice. <i>Equine Veterinary Education</i> , <b>2010</b> , 14, 188-188	0.6	1
9	Intramedullary abscess of the proximal third metatarsal bone in a 4-year-old Thoroughbred horse. <i>Equine Veterinary Education</i> , <b>2007</b> , 19, 291-296	0.6	1
8	Diagnosis of bacterial infections. Part 1: Principles of sample collection and transportation. <i>Equine Veterinary Education</i> , <b>2008</b> , 20, 608-616	0.6	1
7	An atypical case of typical pneumonia. <i>Australian Journal of General Practice</i> , <b>2018</b> , 47, 119-121	1.5	1
6	Re: Recommendations from the Australian and New Zealand Equine Endocrine Group and the interpretation of plasma endogenous ACTH concentrations for the diagnosis of pituitary pars intermedia dysfunction (PPID). <i>Australian Veterinary Journal</i> , <b>2018</b> , 96, 319	1.2	1
5	Effects of Production Method and Repeated Freeze Thaw Cycles on Cytokine Concentrations and Microbial Contamination in Equine Autologous Conditioned Serum.. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 759828	3.1	0
4	Comparative studies on faecal egg counting techniques used for the detection of gastrointestinal parasites of equines: A systematic review.. <i>Current Research in Parasitology and Vector-borne Diseases</i> , <b>2021</b> , 1, 100046		0
3	Absence of Polymorphisms in Codons 167, 198 and 200 of All Seven <i>Eubulin</i> Isoforms of Benzimidazole Susceptible and Resistant <i>Parascaris</i> spp. Specimens from Australia. <i>Pathogens</i> , <b>2022</b> , 11, 490	4.5	0
2	Genetically Altering Insects: Promise, Prospects, and Limitations. <i>ACS Symposium Series</i> , <b>1996</b> , 221-228	0.4	
1	Caeco-caecal and caeco-colic intussusception in two half-sibling Standardbred horses. <i>Equine Veterinary Education</i> , <b>2021</b> , 33, e108	0.6	

