

Christopher B Riley

List of Publications by Year in Descending Order

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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.

82

papers

707

citations

14

h-index

22

g-index

87

ext. papers

874

ext. citations

2.1

avg, IF

3.92

L-index

#	Paper	IF	Citations
82	Immune response to allogeneic equine mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 570	8.3	0
81	A Novel Load Cell-Supported Research Platform to Measure Vertical and Horizontal Motion of a Horse's Centre of Mass During Trailer Transport. <i>Journal of Equine Veterinary Science</i> , 2021 , 99, 103408	1.2	0
80	Isolates, antimicrobial susceptibility profiles and multidrug resistance of bacteria cultured from samples collected from sheep in New Zealand (2003-2016). <i>New Zealand Veterinary Journal</i> , 2021 , 69, 20-26	1.7	1
79	First report of pulmonary disease associated with in a horse in New Zealand. <i>New Zealand Veterinary Journal</i> , 2021 , 69, 65-69	1.7	1
78	Equine Transport-Related Problem Behaviors and Injuries: A Survey of Italian Horse Industry Members. <i>Animals</i> , 2021 , 11,	3.1	1
77	Infrared spectroscopy of synovial fluid as a potential screening approach for the diagnosis of naturally occurring canine osteoarthritis associated with cranial cruciate ligament rupture. <i>Osteoarthritis and Cartilage Open</i> , 2020 , 2, 100120	1.5	0
76	CellTrace Violet [®] inhibits equine lymphocyte proliferation. <i>Veterinary Immunology and Immunopathology</i> , 2020 , 223, 110037	2	4
75	A pilot study to investigate the measurement of immunoglobulin A in Welsh Cob and Welsh Pony foals' faeces and their dam's milk. <i>New Zealand Veterinary Journal</i> , 2020 , 68, 225-230	1.7	
74	Infrared spectroscopy of serum as a potential diagnostic screening approach for naturally occurring canine osteoarthritis associated with cranial cruciate ligament rupture. <i>Osteoarthritis and Cartilage</i> , 2020 , 28, 231-238	6.2	4
73	Anti-fibrotic Actions of Equine Interleukin-10 on Transforming Growth Factor-Beta1-Stimulated Dermal Fibroblasts Isolated From Limbs of Horses. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 577835	3.1	2
72	Isolates, Antimicrobial Susceptibility Profiles and Multidrug Resistance of Bacteria Cultured from Pig Submissions in New Zealand. <i>Animals</i> , 2020 , 10,	3.1	3
71	Interactions Between Allogeneic Mesenchymal Stromal Cells and the Recipient Immune System: A Comparative Review With Relevance to Equine Outcomes. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 617647	3.1	4
70	Bacterial isolates, antimicrobial susceptibility and multidrug resistance in cultures from samples collected from beef and pre-production dairy cattle in New Zealand (2003-2016). <i>New Zealand Veterinary Journal</i> , 2019 , 67, 180-187	1.7	4
69	Blood type and breed-associated differences in cell marker expression on equine bone marrow-derived mesenchymal stem cells including major histocompatibility complex class II antigen expression. <i>PLoS ONE</i> , 2019 , 14, e0225161	3.7	5
68	Usefulness of digital and optical refractometers for the diagnosis of failure of transfer of passive immunity in neonatal foals. <i>Equine Veterinary Journal</i> , 2019 , 51, 451-457	2.4	11
67	Infrared Thermography for the Ante Mortem Detection of Bruising in Horses Following Transport to a Slaughter Plant. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 344	3.1	3
66	Horse Husbandry and Preventive Health Practices in Australia: An Online Survey of Horse Guardians. <i>Journal of Applied Animal Welfare Science</i> , 2018 , 21, 347-361	1.6	4

65	Centrifugal ultrafiltration of human serum for improving immunoglobulin A quantification using attenuated total reflectance infrared spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 150, 413-419	3.5	7
64	Treatment of limb wounds of horses with orf virus IL-10 and VEGF-E accelerates resolution of exuberant granulation tissue, but does not prevent its development. <i>PLoS ONE</i> , 2018 , 13, e0197223	3.7	15
63	Risk Factors for Transport-Related Problem Behaviors in Horses: A New Zealand Survey. <i>Animals</i> , 2018 , 8,	3.1	6
62	A Survey-Based Investigation of Human Factors Associated With Transport Related Injuries in Horses. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 294	3.1	4
61	Transmission infrared spectroscopy for rapid quantification of fat, protein, and lactose concentrations in human milk. <i>Journal of Perinatology</i> , 2018 , 38, 1685-1693	3.1	1
60	Comparison of an alcohol-based hand sanitation product with a traditional chlorhexidine hand scrub technique for hand hygiene preparation in an equine hospital. <i>New Zealand Veterinary Journal</i> , 2017 , 65, 242-247	1.7	1
59	Horse-keeping practices in Australia: findings from a national online survey of horse owners. <i>Australian Veterinary Journal</i> , 2017 , 95, 437-443	1.2	6
58	Application of laboratory and portable attenuated total reflectance infrared spectroscopic approaches for rapid quantification of alpaca serum immunoglobulin G. <i>PLoS ONE</i> , 2017 , 12, e0179644	3.7	3
57	Evaluation of transmission infrared spectroscopy and digital and optical refractometers to identify low immunoglobulin G concentrations in alpaca serum. <i>Canadian Journal of Veterinary Research</i> , 2017 , 81, 217-222	0.5	
56	Orf virus interleukin-10 and vascular endothelial growth factor-E modulate gene expression in cultured equine dermal fibroblasts. <i>Veterinary Dermatology</i> , 2016 , 27, 434-e114	1.8	7
55	Chemometric analysis of attenuated total reflectance infrared spectral data for quantitation of immunoglobulin G in equine plasma and serum. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016 , 156, 108-114	3.8	1
54	Quantification of bovine immunoglobulin G using transmission and attenuated total reflectance infrared spectroscopy. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016 , 28, 30-7	1.5	11
53	A novel method for the quantification of bovine colostrum immunoglobulin G using infrared spectroscopy. <i>International Dairy Journal</i> , 2016 , 52, 35-41	3.5	10
52	A cross-sectional survey on wounds in horses in New Zealand. <i>New Zealand Veterinary Journal</i> , 2016 , 64, 90-4	1.7	21
51	Horse Injury during Non-Commercial Transport: Findings from Researcher-Assisted Intercept Surveys at Southeastern Australian Equestrian Events. <i>Animals</i> , 2016 , 6,	3.1	8
50	Evaluation of a caudolateral approach for arthrocentesis and injection of the equine elbow joint. <i>Veterinary Record</i> , 2016 , 179, 173	0.9	2
49	A prospective observational study of needle-handling practices at a University Veterinary Teaching Hospital. <i>New Zealand Veterinary Journal</i> , 2016 , 64, 117-20	1.7	2
48	Antimicrobial susceptibility of bacteria isolated from neonatal foal samples submitted to a New Zealand veterinary pathology laboratory (2004 to 2013). <i>New Zealand Veterinary Journal</i> , 2016 , 64, 107-117	1.7	16

47	Short-term treatment of equine wounds with orf virus IL-10 and VEGF-E dampens inflammation and promotes repair processes without accelerating closure. <i>Wound Repair and Regeneration</i> , 2016 , 24, 966-980	3.6	20
46	Is uncorrelated linear discriminant analysis really a new method?. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015 , 142, 49-53	3.8	1
45	Medical and surgical management of an intra-abdominal abscess of hepatic origin in a horse. <i>Journal of the American Veterinary Medical Association</i> , 2015 , 247, 98-105	1	7
44	Infrared-based detection of an osteoarthritis biomarker signature in the serum of rabbits with induced osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015 , 23, A82-A83	6.2	2
43	Exploration of attenuated total reflectance mid-infrared spectroscopy and multivariate calibration to measure immunoglobulin G in human sera. <i>Talanta</i> , 2015 , 142, 110-9	6.2	13
42	A rapid field test for the measurement of bovine serum immunoglobulin G using attenuated total reflectance infrared spectroscopy. <i>BMC Veterinary Research</i> , 2015 , 11, 218	2.7	10
41	Use of Fourier-transform infrared spectroscopy to quantify immunoglobulin G concentration and an analysis of the effect of signalment on levels in canine serum. <i>Veterinary Immunology and Immunopathology</i> , 2015 , 163, 8-15	2	7
40	Antimicrobial Susceptibilities of Aerobic Isolates from Respiratory Samples of Young New Zealand Horses. <i>Journal of Veterinary Internal Medicine</i> , 2015 , 29, 1700-6	3.1	13
39	Simple methods for the optimization of complex-valued kurtosis as a projection index. <i>Journal of Chemometrics</i> , 2015 , 29, 224-236	1.6	2
38	Clinical Research Abstracts of the British Equine Veterinary Association Congress 2015. <i>Equine Veterinary Journal</i> , 2015 , 47 Suppl 48, 20	2.4	
37	A Cross-Sectional Study of Horse-Related Injuries in Veterinary and Animal Science Students at an Australian University. <i>Animals</i> , 2015 , 5, 951-64	3.1	9
36	Immunoglobulin G measurement in blood plasma using infrared spectroscopy. <i>Applied Spectroscopy</i> , 2014 , 68, 466-74	3.1	11
35	Optoacoustic characterization of prostate cancer in an in vivo transgenic murine model. <i>Journal of Biomedical Optics</i> , 2014 , 19, 056008	3.5	16
34	Use of Fourier-transform infrared spectroscopy to quantify immunoglobulin G concentrations in alpaca serum. <i>Journal of Veterinary Internal Medicine</i> , 2014 , 28, 639-45	3.1	12
33	Extensive umbilical herniation of the large colon in a foal. <i>Equine Veterinary Education</i> , 2014 , 26, 341-344	0.6	3
32	Measurement of serum immunoglobulin G in dairy cattle using Fourier-transform infrared spectroscopy: a reagent free approach. <i>Veterinary Journal</i> , 2014 , 202, 510-5	2.5	17
31	Skin temperature during cutaneous wound healing in an equine model of cutaneous fibroproliferative disorder: kinetics and anatomic-site differences. <i>Veterinary Surgery</i> , 2013 , 42, 147-53	1.7	32
30	Feasibility of infrared spectroscopy with pattern recognition techniques to identify a subpopulation of mares at risk of producing foals diagnosed with failure of transfer of passive immunity. <i>Australian Veterinary Journal</i> , 2012 , 90, 387-91	1.2	0

29	Identification of periparturient mare and foal associated predictors of post parturient immunoglobulin A concentrations in Thoroughbred foals. <i>Equine Veterinary Journal</i> , 2012 , 44, 73-7	2.4	8
28	Comparison of the effects of xylazine bolus versus medetomidine constant rate infusion on cardiopulmonary function and depth of anesthesia in horses anesthetized with isoflurane. <i>Journal of the American Veterinary Medical Association</i> , 2012 , 240, 991-7	1	13
27	Regional differences in wound oxygenation during normal healing in an equine model of cutaneous fibroproliferative disorder. <i>Wound Repair and Regeneration</i> , 2011 , 19, 89-97	3.6	41
26	Ultrasonographic Diagnosis of Acute Extrusion of the Lateral Meniscus in a Competing Quarter Horse. <i>Journal of Equine Veterinary Science</i> , 2011 , 31, 53-56	1.2	3
25	Optoacoustic signal amplitude and frequency spectrum analysis laser heated bovine liver ex vivo 2011 ,		5
24	Optoacoustic imaging of an animal model of prostate cancer 2010 ,		4
23	Cutaneous and tendon sheath mastocytomas with eosinophilic joint and tendon sheath effusions in a horse. <i>Journal of Veterinary Internal Medicine</i> , 2010 , 24, 1233-6	3.1	4
22	Nonstrangulating small colon obstruction caused by a submucosal haematoma. <i>Equine Veterinary Education</i> , 2010 , 18, 67-71	0.6	2
21	Identification of infrared absorption spectral characteristics of synovial fluid of horses with osteochondrosis of the tarsocrural joint. <i>American Journal of Veterinary Research</i> , 2007 , 68, 517-23	1.1	12
20	Use of Fourier-Transform Infrared Spectroscopy for the Diagnosis of Failure of Transfer of Passive Immunity and Measurement of Immunoglobulin Concentrations in Horses. <i>Journal of Veterinary Internal Medicine</i> , 2007 , 21, 828-834	3.1	33
19	Use of Fourier-transform infrared spectroscopy for the diagnosis of failure of transfer of passive immunity and measurement of immunoglobulin concentrations in horses. <i>Journal of Veterinary Internal Medicine</i> , 2007 , 21, 828-34	3.1	7
18	Use of infrared spectroscopy for diagnosis of traumatic arthritis in horses. <i>American Journal of Veterinary Research</i> , 2006 , 67, 1286-92	1.1	14
17	Detecting Intestinal Ischemia Using near Infrared Spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2006 , 14, 1-7	1.5	3
16	Determining intestinal viability by near infrared spectroscopy: A veterinary application. <i>Vibrational Spectroscopy</i> , 2005 , 38, 223-228	2.1	6
15	Demographics, management, and welfare of nonracing horses in Prince Edward Island. <i>Canadian Veterinary Journal</i> , 2004 , 45, 1004-11	0.5	13
14	Imaging diagnosis-caudal cruciate ligament avulsion in a horse. <i>Veterinary Radiology and Ultrasound</i> , 2001 , 42, 414-6	1.2	16
13	Uptake and distribution of tritium-labeled polysulfated glycosaminoglycan in serum, urine, and superficial digital flexor tendon of rabbits after intramuscular administration. <i>American Journal of Veterinary Research</i> , 2000 , 61, 20-3	1.1	3
12	Effect of public symphysiodesis on pelvic development in the skeletally immature greyhound. <i>Veterinary Surgery</i> , 2000 , 29, 178-90	1.7	24

11	Blood pressure measurement in anaesthetised sows: comparison between invasive and oscillometric methods during short term laparoscopic surgery. <i>Veterinary Anaesthesia and Analgesia</i> , 1998 , 25, 37-40		4
10	Osteochondritis dessicans and subchondral cystic lesions in draft horses: a retrospective study. <i>Canadian Veterinary Journal</i> , 1998 , 39, 627-33	0.5	11
9	Partial carpal arthrodesis in a calf with chronic infectious arthritis of the carpus and osteomyelitis of the carpal and metacarpal bones. <i>Canadian Veterinary Journal</i> , 1998 , 39, 438-41	0.5	4
8	Comparison of herniorrhaphy versus clamping of umbilical hernias in horses: a retrospective study of 93 cases (1982-1994). <i>Canadian Veterinary Journal</i> , 1996 , 37, 295-8	0.5	5
7	Comparison of media and sera used for in vitro culture of equine superficial digital flexor tendon explants. <i>American Journal of Veterinary Research</i> , 1996 , 57, 1118-23	1.1	0
6	Fungal arthritis due to infection by <i>Candida famata</i> in a horse. <i>Australian Veterinary Journal</i> , 1992 , 69, 65-6	1.2	10
5	Cryptococcosis in seven horses. <i>Australian Veterinary Journal</i> , 1992 , 69, 135-9	1.2	60
4	Malignant mast cell tumours in horses. <i>Australian Veterinary Journal</i> , 1991 , 68, 346-7	1.2	26
3	Bilateral hypoplasia of the soft palate in a foal. <i>Australian Veterinary Journal</i> , 1991 , 68, 178-9	1.2	6
2	Fracture of the apex of the patella after medical patellar desmotomy in a horse. <i>Australian Veterinary Journal</i> , 1991 , 68, 37-9	1.2	19
1	A phalangeal fusion defect and osteochondrosis dissecans with subluxation of the distal interphalangeal joints in a foal. <i>Australian Veterinary Journal</i> , 1990 , 67, 331-3	1.2	2