

Christopher B Riley

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

965
citations

516215

16
h-index

610482

24
g-index

87
all docs

87
docs citations

87
times ranked

905
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryptococcosis in seven horses. <i>Australian Veterinary Journal</i> , 1992, 69, 135-139.	0.5	64
2	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.	1.5	45
3	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, 147-153.	0.5	40
4	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.	0.6	36
5	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.	1.5	32
6	Malignant mast cell tumours in horses. <i>Australian Veterinary Journal</i> , 1991, 68, 346-347.	0.5	29
7	Effect of Pubic Symphysiodesis on Pelvic Development in the Skeletally Immature Greyhound. <i>Veterinary Surgery</i> , 2000, 29, 178-190.	0.5	29
8	A cross-sectional survey on wounds in horses in New Zealand. <i>New Zealand Veterinary Journal</i> , 2016, 64, 90-94.	0.4	25
9	Fracture of the apex of the patella after medial patellar desmotomy in a horse. <i>Australian Veterinary Journal</i> , 1991, 68, 37-39.	0.5	21
10	Optoacoustic characterization of prostate cancer in an <i>in vivo</i> transgenic murine model. <i>Journal of Biomedical Optics</i> , 2014, 19, 056008.	1.4	21
11	Measurement of serum immunoglobulin G in dairy cattle using Fourier-transform infrared spectroscopy: A reagent free approach. <i>Veterinary Journal</i> , 2014, 202, 510-515.	0.6	21
12	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, 107-111.	0.4	21
13	Use of infrared spectroscopy for diagnosis of traumatic arthritis in horses. <i>American Journal of Veterinary Research</i> , 2006, 67, 1286-1292.	0.3	20
14	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.	1.1	20
15	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.	0.9	20
16	IMAGING DIAGNOSIS-CAUDAL CRUCIATE LIGAMENT AVULSION IN A HORSE. <i>Veterinary Radiology and Ultrasound</i> , 2001, 42, 414-416.	0.4	19
17	Exploration of attenuated total reflectance mid-infrared spectroscopy and multivariate calibration to measure immunoglobulin G in human sera. <i>Talanta</i> , 2015, 142, 110-119.	2.9	19
18	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, 517-523.	0.3	17

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19	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, 991-997.	0.2	16
20	Horse keeping practices in Australia: findings from a national online survey of horse owners. <i>Australian Veterinary Journal</i> , 2017, 95, 437-443.	0.5	15
21	A Cross-Sectional Study of Horse-Related Injuries in Veterinary and Animal Science Students at an Australian University. <i>Animals</i> , 2015, 5, 951-964.	1.0	15
22	Use of Fourier Transform Infrared Spectroscopy to Quantify Immunoglobulin G Concentrations in Alpaca Serum. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 639-645.	0.6	14
23	Immunoglobulin G Measurement in Blood Plasma Using Infrared Spectroscopy. <i>Applied Spectroscopy</i> , 2014, 68, 466-474.	1.2	14
24	Antimicrobial Susceptibilities of Aerobic Isolates from Respiratory Samples of Young New Zealand Horses. <i>Journal of Veterinary Internal Medicine</i> , 2015, 29, 1700-1706.	0.6	14
25	Horse Injury during Non-Commercial Transport: Findings from Researcher-Assisted Intercept Surveys at Southeastern Australian Equestrian Events. <i>Animals</i> , 2016, 6, 65.	1.0	14
26	Quantification of bovine immunoglobulin G using transmission and attenuated total reflectance infrared spectroscopy. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016, 28, 30-37.	0.5	14
27	Risk Factors for Transport-Related Problem Behaviors in Horses: A New Zealand Survey. <i>Animals</i> , 2018, 8, 134.	1.0	14
28	Demographics, management, and welfare of nonracing horses in Prince Edward Island. <i>Canadian Veterinary Journal</i> , 2004, 45, 1004-11.	0.0	13
29	Osteochondritis dessicans and subchondral cystic lesions in draft horses: a retrospective study. <i>Canadian Veterinary Journal</i> , 1998, 39, 627-33.	0.0	13
30	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.	1.4	12
31	A Survey-Based Investigation of Human Factors Associated With Transport Related Injuries in Horses. <i>Frontiers in Veterinary Science</i> , 2018, 5, 294.	0.9	12
32	Fungal arthritis due to infection by <i>Candida famata</i> in a horse. <i>Australian Veterinary Journal</i> , 1992, 69, 65-66.	0.5	11
33	Optoacoustic signal amplitude and frequency spectrum analysis laser heated bovine liver ex vivo. , 2011, , .		11
34	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.	0.7	11
35	A novel method for the quantification of bovine colostrum immunoglobulin G using infrared spectroscopy. <i>International Dairy Journal</i> , 2016, 52, 35-41.	1.5	11
36	Equine Transport-Related Problem Behaviors and Injuries: A Survey of Italian Horse Industry Members. <i>Animals</i> , 2021, 11, 223.	1.0	11

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37	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.	0.2	10
38	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.	0.4	10
39	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.	1.1	10
40	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.	0.9	10
41	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.	0.6	10
42	Cutaneous and Tendon Sheath Mastocytomas with Eosinophilic Joint and Tendon Sheath Effusions in a Horse. <i>Journal of Veterinary Internal Medicine</i> , 2010, 24, 1233-1236.	0.6	9
43	Identification of periparturient mare and foal associated predictors of post parturient immunoglobulin A concentrations in Thoroughbred foals. <i>Equine Veterinary Journal</i> , 2012, 44, 73-77.	0.9	9
44	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.	0.6	9
45	Bilateral hypoplasia of the soft palate in a foal. <i>Australian Veterinary Journal</i> , 1991, 68, 178-179.	0.5	8
46	Determining intestinal viability by near infrared spectroscopy: A veterinary application. <i>Vibrational Spectroscopy</i> , 2005, 38, 223-228.	1.2	8
47	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.	0.5	8
48	Orf virus interleukin-10 and vascular endothelial growth factor-1 modulate gene expression in cultured equine dermal fibroblasts. <i>Veterinary Dermatology</i> , 2016, 27, 434.	0.4	8
49	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.	0.9	7
50	Editorial: The Implications of Transport Practices for Horse Health and Welfare. <i>Frontiers in Veterinary Science</i> , 2020, 7, 202.	0.9	7
51	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.	0.4	6
52	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.	0.2	5
53	Detecting Intestinal Ischemia Using near Infrared Spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2006, 14, 1-7.	0.8	5
54	Optoacoustic imaging of an animal model of prostate cancer. , 2010, , .		5

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55	Extensive umbilical herniation of the large colon in a foal. <i>Equine Veterinary Education</i> , 2014, 26, 341-344.	0.3	5
56	Transmission infrared spectroscopy for rapid quantification of fat, protein, and lactose concentrations in human milk. <i>Journal of Perinatology</i> , 2018, 38, 1685-1693.	0.9	5
57	Isolates, Antimicrobial Susceptibility Profiles and Multidrug Resistance of Bacteria Cultured from Pig Submissions in New Zealand. <i>Animals</i> , 2020, 10, 1427.	1.0	5
58	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.	0.0	5
59	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.	0.0	5
60	Nonstrangulating small colon obstruction caused by a submucosal haematoma. <i>Equine Veterinary Education</i> , 2006, 18, 67-71.	0.3	4
61	Is uncorrelated linear discriminant analysis really a new method?. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 142, 49-53.	1.8	4
62	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.	0.6	4
63	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.	0.9	4
64	CellTrace Violet [®] inhibits equine lymphocyte proliferation. <i>Veterinary Immunology and Immunopathology</i> , 2020, 223, 110037.	0.5	4
65	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.	1.1	4
66	A phalangeal fusion defect and osteochondrosis dissecans with subluxation of the distal interphalangeal joints in a foal. <i>Australian Veterinary Journal</i> , 1990, 67, 331-333.	0.5	3
67	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, 20-23.	0.3	3
68	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.	0.4	3
69	Evaluation of a caudolateral approach for arthrocentesis and injection of the equine elbow joint. <i>Veterinary Record</i> , 2016, 179, 173-173.	0.2	3
70	A prospective observational study of needle-handling practices at a University Veterinary Teaching Hospital. <i>New Zealand Veterinary Journal</i> , 2016, 64, 117-120.	0.4	3
71	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.	0.4	3
72	Immune response to allogeneic equine mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 570.	2.4	3

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73	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, 387-391.	0.5	2
74	Simple methods for the optimization of complex-valued kurtosis as a projection index. <i>Journal of Chemometrics</i> , 2015, 29, 224-236.	0.7	2
75	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.	0.9	2
76	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.	0.4	2
77	A Survey-Based Analysis of Injuries to Horses Associated with Transport by Road in New Zealand. <i>Animals</i> , 2022, 12, 259.	1.0	2
78	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.	1.8	1
79	Infrared spectroscopic serum biomarker profiling of naturally occurring canine knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S74.	0.6	1
80	A pilot study to investigate the measurement of immunoglobulin A in Welsh Cob and Welsh Pony foals' faeces and their dams' milk. <i>New Zealand Veterinary Journal</i> , 2020, 68, 225-230.	0.4	1
81	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.	0.4	1
82	First report of pulmonary disease associated with <i>Nicoletella semolina</i> in a horse in New Zealand. <i>New Zealand Veterinary Journal</i> , 2021, 69, 65-69.	0.4	1
83	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.	0.3	1
84	Antimicrobial Resistance of Aerobic Respiratory Isolates From Young New Zealand Horses. <i>Equine Veterinary Journal</i> , 2015, 47, 20-20.	0.9	0
85	Evaluation of validity of serum matrix metalloproteinases 2 and 3, synovial fluid interleukin 8, keratinocyte-derived chemoattractant and monocyte chemoattractant protein 1 as biomarkers of stifle osteoarthritis associated with naturally occurring cranial cruciate ligament rupture in dogs. <i>Osteoarthritis and Cartilage</i> , 2020, 28, S323-S324.	0.6	0
86	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.	0.2	0