

Christopher B Riley

List of Publications by Year in descending order

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86
papers

965
citations

516561

16
h-index

610775

24
g-index

87
all docs

87
docs citations

87
times ranked

905
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryptococcosis in seven horses. Australian Veterinary Journal, 1992, 69, 135-139.	0.5	64
2	Regional differences in wound oxygenation during normal healing in an equine model of cutaneous fibroproliferative disorder. Wound Repair and Regeneration, 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. Veterinary Surgery, 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. Journal of Veterinary Internal Medicine, 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. Wound Repair and Regeneration, 2016, 24, 966-980.	1.5	32
6	Malignant mast cell tumours in horses. Australian Veterinary Journal, 1991, 68, 346-347.	0.5	29
7	Effect of Pubic Symphysiodesis on Pelvic Development in the Skeletally Immature Greyhound. Veterinary Surgery, 2000, 29, 178-190.	0.5	29
8	A cross-sectional survey on wounds in horses in New Zealand. New Zealand Veterinary Journal, 2016, 64, 90-94.	0.4	25
9	Fracture of the apex of the patella after medial patellar desmotomy in a horse. Australian Veterinary Journal, 1991, 68, 37-39.	0.5	21
10	Optoacoustic characterization of prostate cancer in an <i>in vivo</i> transgenic murine model. Journal of Biomedical Optics, 2014, 19, 056008.	1.4	21
11	Measurement of serum immunoglobulin G in dairy cattle using Fourier-transform infrared spectroscopy: A reagent free approach. Veterinary Journal, 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). New Zealand Veterinary Journal, 2016, 64, 107-111.	0.4	21
13	Use of infrared spectroscopy for diagnosis of traumatic arthritis in horses. American Journal of Veterinary Research, 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. PLoS ONE, 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. Equine Veterinary Journal, 2019, 51, 451-457.	0.9	20
16	IMAGING DIAGNOSIS-CAUDAL CRUCIATE LIGAMENT AVULSION IN A HORSE. Veterinary Radiology and Ultrasound, 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. Talanta, 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. American Journal of Veterinary Research, 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