

Colin C Schwarzwald

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

1,832
citations

236833

25
h-index

315616

38
g-index

98
all docs

98
docs citations

98
times ranked

1346
citing authors

#	ARTICLE	IF	CITATIONS
1	Atrial fibrillatory rate as predictor of recurrence of atrial fibrillation in horses treated medically or with electrical cardioversion. <i>Equine Veterinary Journal</i> , 2022, 54, 1013-1022.	0.9	6
2	Anaesthesia management of transvenous implantation of a single-chamber, rate-adaptive pacemaker in a donkey with high-grade second and third degree atrioventricular block. <i>Veterinary Record Case Reports</i> , 2022, 10, .	0.1	2
3	Heart rate variability analysis in horses for the diagnosis of arrhythmias. <i>Veterinary Journal</i> , 2021, 268, 105590.	0.6	14
4	Gentamicin plasma concentrations in hospitalized horses and retrospective minimal inhibitory concentrations of gram-negative equine pathogens. <i>Journal of Veterinary Emergency and Critical Care</i> , 2021, 31, 323-330.	0.4	4
5	Echocardiographic assessment of left ventricular size and systolic function in Warmblood horses using linear measurements, area-based indices, and volume estimates: A retrospective database analysis. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 504-520.	0.6	8
6	Quantification of left atrial contractile function using two-dimensional speckle tracking echocardiography in horses after conversion of atrial fibrillation to sinus rhythm. <i>Journal of Veterinary Cardiology</i> , 2021, 35, 108-120.	0.3	0
7	Balloon valvuloplasty of valvular pulmonary stenosis in a neonatal foal. <i>Journal of Veterinary Cardiology</i> , 2021, 36, 48-54.	0.3	2
8	Science-in-a-Brief: Equine Cardiology Virtual Retreat June 2020. <i>Equine Veterinary Journal</i> , 2020, 52, 787-789.	0.9	0
9	Quantification of left atrial wall motion in healthy horses using two-dimensional speckle tracking. <i>Journal of Veterinary Cardiology</i> , 2020, 30, 32-43.	0.3	3
10	Equine Echocardiography. <i>Veterinary Clinics of North America Equine Practice</i> , 2019, 35, 43-64.	0.3	25
11	Diagnostic value of noninvasive pulse pressure measurements in Warmblood horses with aortic regurgitation. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 1446-1455.	0.6	5
12	The use of heart rate variability analysis to detect arrhythmias in horses undergoing a standard treadmill exercise test. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 212-224.	0.6	27
13	Assessment of systolic and diastolic function in clinically healthy horses using ambulatory acoustic cardiography. <i>Equine Veterinary Journal</i> , 2019, 51, 391-400.	0.9	8
14	Disorders of the Cardiovascular System. , 2018, , 387-541.		15
15	Hyperglycaemia-induced epigenetic changes drive persistent cardiac dysfunction via the adaptor p66Shc. <i>International Journal of Cardiology</i> , 2018, 268, 179-186.	0.8	47
16	Plasma homocysteine concentrations in healthy horses and horses with atrial fibrillation. <i>Journal of Veterinary Cardiology</i> , 2018, 20, 276-284.	0.3	5
17	Influence of 2nd-degree AV blocks, ECG recording length, and recording time on heart rate variability analyses in horses. <i>Journal of Veterinary Cardiology</i> , 2017, 19, 160-174.	0.3	20
18	Validation of a Point-of-Care Quantitative Equine IgG Turbidimetric Immunoassay and Comparison of IgG Concentrations Measured with Radial Immunodiffusion and a Point-of-Care IgG <sc>ELISA</sc>. <i>Journal of Veterinary Internal Medicine</i> , 2017, 31, 1170-1177.	0.6	21

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19	Heart rate variability parameters in horses distinguish atrial fibrillation from sinus rhythm before and after successful electrical cardioversion. <i>Equine Veterinary Journal</i> , 2017, 49, 723-728.	0.9	20
20	Echocardiographic Assessment of Left Ventricular Function in Healthy Horses and in Horses with Heart Disease Using Pulsed-Wave Tissue Doppler Imaging. <i>Journal of Veterinary Internal Medicine</i> , 2017, 31, 556-567.	0.6	23
21	Atrial fibrillation management in a breeding stallion. <i>Journal of Veterinary Cardiology</i> , 2017, 19, 299-307.	0.3	4
22	Epigenetics in Cardiac Health and Disease225miR-218 and mi-R34a drive persistent myocardial oxidative stress by targeting chromatin remodelers DNMT3b and SIRT1: new mechanistic insights in diabetic cardiomyopathy226Effects of miRNAs modulated by endurance training on cardiomyocyte excitability227Differential transcriptome and microRNA expression signatures in the healthy heart (RV) Tj ETQq0 0 0 18gBT /Overlock 10 T	0.18	0
23	2016, 111, S43-S43. Cardiac N-methyl d-aspartate Receptors as a Pharmacological Target. <i>Journal of Cardiovascular Pharmacology</i> , 2016, 68, 356-373.	0.8	15
24	Hemodynamic Assessment of a Murine Heterotopic Biventricularly Loaded Cardiac Transplant in vivo Model. <i>European Surgical Research</i> , 2016, 57, 171-185.	0.6	3
25	Left Ventricular Function After Prolonged Exercise in Equine Endurance Athletes. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 1260-1269.	0.6	20
26	Echocardiographic Assessment of Left Atrial Size and Function in Warmblood Horses: Reference Intervals, Allometric Scaling, and Agreement of Different Echocardiographic Variables. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 1241-1252.	0.6	26
27	Assessment of method reliability and determination of reference intervals for rotational thromboelastometry in horses. <i>Journal of Veterinary Emergency and Critical Care</i> , 2016, 26, 691-703.	0.4	7
28	Validation of the Accutrend Plus point-of-care triglyceride analyzer in horses, ponies, and donkeys. <i>Journal of Veterinary Emergency and Critical Care</i> , 2016, 26, 682-690.	0.4	4
29	Clinical and echocardiographic findings in an 8 year old Brown Swiss cow with myocardial abscess. <i>Journal of Veterinary Cardiology</i> , 2016, 18, 194-198.	0.3	0
30	Evaluation of the non-calibrated pulse contour cardiac output monitor FloTrac/Vigileo against thermodilution in standing horses. <i>Veterinary Anaesthesia and Analgesia</i> , 2016, 43, 153-162.	0.3	4
31	Echocardiography for the Assessment of Congenital Heart Defects in Calves. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2016, 32, 37-54.	0.5	11
32	The use of dexmedetomidine continuous rate infusion for horses undergoing transvenous electrical cardioversion—A case series. <i>Canadian Veterinary Journal</i> , 2016, 57, 70-5.	0.0	9
33	PGA (polyglycolic acid)-P4HB (poly-4-hydroxybutyrate)-Based Bioengineered Valves in the Rat Aortic Circulation. <i>Journal of Heart Valve Disease</i> , 2016, 25, 380-388.	0.5	4
34	Effects of 10% hydroxyethyl starch (HES 200/0.5) solution in intraoperative fluid therapy management of horses undergoing elective surgical procedures. <i>Veterinary Journal</i> , 2015, 206, 398-403.	0.6	5
35	Plasma atrial/A-type natriuretic peptide (ANP) concentration in horses with various heart diseases. <i>Journal of Veterinary Cardiology</i> , 2015, 17, 216-228.	0.3	9
36	The use of strain, strain rate, and displacement by 2D speckle tracking for assessment of systolic left ventricular function in goats: applicability and influence of general anesthesia. <i>Cardiovascular Ultrasound</i> , 2015, 13, 11.	0.5	8

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37	Risk Factors for Recurrence of Atrial Fibrillation in Horses After Cardioversion to Sinus Rhythm. <i>Journal of Veterinary Internal Medicine</i> , 2015, 29, 946-953.	0.6	50
38	Abnormalities of the erythron. , 2014, , 939-973.		1
39	Recommendations for Management of Equine Athletes with Cardiovascular Abnormalities. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 749-761.	0.6	151
40	Efficacy of Omeprazole Powder Paste or Enteric-Coated Formulation in Healing of Gastric Ulcers in Horses. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 925-933.	0.6	26
41	AntagomiR directed against miR-20a restores functional BMP2 signalling and prevents vascular remodelling in hypoxia-induced pulmonary hypertension. <i>European Heart Journal</i> , 2014, 35, 3203-3211.	1.0	139
42	Serum antibodies and DNA indicate a high prevalence of equine papillomavirus 2 (EcPV2) among horses in Switzerland. <i>Veterinary Dermatology</i> , 2014, 25, 210.	0.4	23
43	Analytic validation and comparison of three commercial immunoassays for measurement of plasma atrial/A-type natriuretic peptide concentration in horses. <i>Research in Veterinary Science</i> , 2014, 96, 180-186.	0.9	15
44	Abnormal regurgitation in three cows caused by intrathoracic perioesophageal lesions. <i>Acta Veterinaria Scandinavica</i> , 2014, 56, 14.	0.5	5
45	Situs ambiguus in a Brown Swiss cow with polysplenia: case report. <i>BMC Veterinary Research</i> , 2013, 9, 34.	0.7	4
46	Atrial natriuretic peptide and cardiac troponin I concentrations in healthy Warmblood horses and in Warmblood horses with mitral regurgitation at rest and after exercise. <i>Journal of Veterinary Cardiology</i> , 2013, 15, 105-121.	0.3	27
47	Effects on cardiopulmonary function and oxygen delivery of doses of romifidine and xylazine followed by constant rate infusions in standing horses. <i>Veterinary Journal</i> , 2013, 195, 228-234.	0.6	36
48	Blood glucose, acid-base and electrolyte changes during loading doses of alpha2-adrenergic agonists followed by constant rate infusions in horses. <i>Veterinary Journal</i> , 2013, 198, 684-689.	0.6	19
49	B-mode and colour Doppler ultrasonography of the milk vein and musculophrenic vein in eight cows during lactation. <i>Research in Veterinary Science</i> , 2013, 94, 138-143.	0.9	9
50	Combination of Erythropoietin and Sildenafil Can Effectively Attenuate Hypoxia-Induced Pulmonary Hypertension in Mice. <i>Pulmonary Circulation</i> , 2013, 3, 898-907.	0.8	6
51	Evaluation of a continuous glucose monitoring system compared with an in-house standard laboratory assay and a handheld point-of-care glucometer in critically ill neonatal foals. <i>Journal of Veterinary Emergency and Critical Care</i> , 2013, 23, 408-415.	0.4	13
52	Sequential lactate concentration in hospitalised equine neonates: A prospective multicentre study. <i>Equine Veterinary Journal</i> , 2013, 45, 2-7.	0.9	27
53	EcPV2 DNA in Equine Papillomas and In Situ and Invasive Squamous Cell Carcinomas Supports Papillomavirus Etiology. <i>Veterinary Pathology</i> , 2013, 50, 686-692.	0.8	48
54	Diagnosis and Surgical Cellophane Banding of an Intrahepatic Congenital Portosystemic Shunt in a Foal. <i>Journal of Veterinary Internal Medicine</i> , 2012, 26, 171-177.	0.6	12

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55	Relationship of heart rate and electrocardiographic time intervals to body mass in horses and ponies. <i>Journal of Veterinary Cardiology</i> , 2012, 14, 343-350.	0.3	29
56	Treatment of Ivermectin Overdose in a Miniature <i>S</i> hetland <i>P</i> ony Using Intravenous Administration of a Lipid Emulsion. <i>Journal of Veterinary Internal Medicine</i> , 2012, 26, 407-411.	0.6	26
57	Plasma atrial natriuretic peptide concentrations in horses with heart disease: A pilot study. <i>Veterinary Journal</i> , 2012, 192, 166-170.	0.6	23
58	Laboratory, Electrocardiographic, and Echocardiographic Detection of Myocardial Damage and Dysfunction in an Arabian Mare with Nutritional Masseter Myodegeneration. <i>Journal of Veterinary Internal Medicine</i> , 2011, 25, 1171-1180.	0.6	30
59	Extraskeletal osteosarcoma of the thorax in a goat: case report. <i>BMC Veterinary Research</i> , 2011, 7, 55.	0.7	6
60	Echocardiography in Saanen-goats: Normal findings, reference intervals in awake goats, and the effect of general anesthesia. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2011, 153, 553-564.	0.2	13
61	Comparison of unfractionated and low molecular weight heparin for prophylaxis of coagulopathies in 52 horses with colic: a randomised double-blind clinical trial. <i>Equine Veterinary Journal</i> , 2010, 35, 506-513.	0.9	66
62	Assessment of left ventricular size and function in horses using anatomical M-mode echocardiography. <i>Journal of Veterinary Cardiology</i> , 2010, 12, 111-121.	0.3	20
63	Quantitative Analysis of Stress Echocardiograms in Healthy Horses with 2-Dimensional (2D) Echocardiography, Anatomical M-Mode, Tissue Doppler Imaging, and 2D Speckle Tracking. <i>Journal of Veterinary Internal Medicine</i> , 2010, 24, 918-931.	0.6	39
64	Observer agreement for detection of cardiac arrhythmias on telemetric ECG recordings obtained at rest, during and after exercise in 10 Warmblood horses. <i>Equine Veterinary Journal</i> , 2010, 42, 208-215.	0.9	28
65	The search for valved conduit tissue grafts for adults (>22 mm): an ultrasonographic study of jugular vein diameters of horses and cattle. <i>BMC Cardiovascular Disorders</i> , 2009, 9, 38.	0.7	2
66	Methods and Reliability of Tissue Doppler Imaging for Assessment of Left Ventricular Radial Wall Motion in Horses. <i>Journal of Veterinary Internal Medicine</i> , 2009, 23, 643-652.	0.6	44
67	Left Ventricular Radial and Circumferential Wall Motion Analysis in Horses Using Strain, Strain Rate, and Displacement by 2D Speckle Tracking. <i>Journal of Veterinary Internal Medicine</i> , 2009, 23, 890-900.	0.6	41
68	Splenic rupture and splenectomy in a foal. <i>Equine Veterinary Education</i> , 2008, 20, 367-370.	0.3	11
69	Ocular and multicentric lymphoma in a young racehorse. <i>Veterinary Ophthalmology</i> , 2008, 11, 51-56.	0.6	42
70	Sequential segmental analysis – A systematic approach to the diagnosis of congenital cardiac defects. <i>Equine Veterinary Education</i> , 2008, 20, 305-309.	0.3	17
71	Echocardiographic Evidence of Left Atrial Mechanical Dysfunction after Conversion of Atrial Fibrillation to Sinus Rhythm in 5 Horses. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 820-827.	0.6	37
72	Methods and reliability of echocardiographic assessment of left atrial size and mechanical function in horses. <i>American Journal of Veterinary Research</i> , 2007, 68, 735-747.	0.3	69

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73	Atrial, SA nodal, and AV nodal electrophysiology in standing horses: normal findings and electrophysiologic effects of quinidine and diltiazem. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 166-75.	0.6	5
74	Echocardiographic Evidence of Left Atrial Mechanical Dysfunction after Conversion of Atrial Fibrillation to Sinus Rhythm in 5 Horses. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 820.	0.6	8
75	Usefulness of a Commercial Equine IgG Test and Serum Protein Concentration as Indicators of Failure of Transfer of Passive Immunity in Hospitalized Foals. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 382-387.	0.6	35
76	Pharmacokinetics of the calcium-channel blocker diltiazem after a single intravenous dose in horses ¹ . <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2006, 29, 165-171.	0.6	5
77	Determination of plasma protein binding of diltiazem in horses by ultrafiltration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2006, 29, 579-580.	0.6	3
78	Cor pulmonale in a horse with granulomatous pneumonia. <i>Equine Veterinary Education</i> , 2006, 18, 182-187.	0.3	11
79	Usefulness of a commercial equine IgG test and serum protein concentration as indicators of failure of transfer of passive immunity in hospitalized foals. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 382-7.	0.6	9
80	Effects of Diltiazem on Hemodynamic Variables and Ventricular Function in Healthy Horses. <i>Journal of Veterinary Internal Medicine</i> , 2005, 19, 703-711.	0.6	20
81	Effects of Diltiazem on Hemodynamic Variables and Ventricular Function in Healthy Horses. <i>Journal of Veterinary Internal Medicine</i> , 2005, 19, 703.	0.6	2
82	Abnormalities of the erythron. , 2004, , 967-999.		0
83	Automated Plasmapheresis Compared with other Plasma Collection Methods in the Horse. <i>Transboundary and Emerging Diseases</i> , 2003, 50, 185-189.	0.6	30
84	High Cardiac Troponin I Serum Concentration in a Horse with Multiform Ventricular Tachycardia and Myocardial Necrosis. <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 364-368.	0.6	71
85	Persistent truncus arteriosus and patent foramen ovale in a Simmentaler x Braunvieh calf. <i>Veterinary Record</i> , 2003, 152, 329-333.	0.2	9
86	Thoracic intervertebral disc protrusion in a donkey. <i>Veterinary Record</i> , 2003, 152, 660-661.	0.2	5
87	High Cardiac Troponin I Serum Concentration in a Horse with Multiform Ventricular Tachycardia and Myocardial Necrosis. <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 364.	0.6	3
88	Comparison of pharmacokinetic variables for two low-molecular-weight heparins after subcutaneous administration of a single dose to horses. <i>American Journal of Veterinary Research</i> , 2002, 63, 868-873.	0.3	30
89	Assessment of Equine Autoimmune Thrombocytopenia (EAT) by flow cytometry. <i>BMC Hematology</i> , 2001, 1, 1.	2.6	7
90	Focused cardiac ultrasound examination in the emergency and critical care equine patient: Training for non-specialist veterinarians and evaluation of proficiency. <i>Journal of Veterinary Internal Medicine</i> , 0, , .	0.6	3