

# 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  | Recommendations for Management of Equine Athletes with Cardiovascular Abnormalities. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 749-761.  | 0.6 | 151       |
| 2  | AntagomiR directed against miR-20a restores functional BMPR2 signalling and prevents vascular remodelling in hypoxia-induced pulmonary hypertension. <i>European Heart Journal</i> , 2014, 35, 3203-3211.   | 1.0 | 139       |
| 3  | 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        |
| 4  | 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        |
| 5  | 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        |
| 6  | 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        |
| 7  | 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        |
| 8  | 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        |
| 9  | 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        |
| 10 | Ocular and multicentric lymphoma in a young racehorse. <i>Veterinary Ophthalmology</i> , 2008, 11, 51-56.   | 0.6 | 42        |
| 11 | 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        |
| 12 | 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        |
| 13 | 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        |
| 14 | 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        |
| 15 | 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        |
| 16 | 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        |
| 17 | Automated Plasmapheresis Compared with other Plasma Collection Methods in the Horse. <i>Transboundary and Emerging Diseases</i> , 2003, 50, 185-189.  | 0.6 | 30        |
| 18 | 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        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | 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        |
| 22 | Sequential lactate concentration in hospitalised equine neonates: A prospective multicentre study. <i>Equine Veterinary Journal</i> , 2013, 45, 2-7.   | 0.9 | 27        |
| 23 | 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        |
| 24 | Treatment of Ivermectin Overdose in a Miniature Shetland Pony Using Intravenous Administration of a Lipid Emulsion. <i>Journal of Veterinary Internal Medicine</i> , 2012, 26, 407-411.  | 0.6 | 26        |
| 25 | 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        |
| 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 | Equine Echocardiography. <i>Veterinary Clinics of North America Equine Practice</i> , 2019, 35, 43-64.   | 0.3 | 25        |
| 28 | Plasma atrial natriuretic peptide concentrations in horses with heart disease: A pilot study. <i>Veterinary Journal</i> , 2012, 192, 166-170.  | 0.6 | 23        |
| 29 | 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        |
| 30 | 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        |
| 31 | 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 ELISA. <i>Journal of Veterinary Internal Medicine</i> , 2017, 31, 1170-1177. | 0.6 | 21        |
| 32 | 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        |
| 33 | 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        |
| 34 | Left Ventricular Function After Prolonged Exercise in Equine Endurance Athletes. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 1260-1269.   | 0.6 | 20        |
| 35 | 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        |
| 36 | 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        |

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|----|--|-----|-----------|
| 37 | Blood glucose, acidâ€‘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        |
| 38 | Sequential segmental analysis â€‘A systematic approach to the diagnosis of congenital cardiac defects. <i>Equine Veterinary Education</i> , 2008, 20, 305-309.   | 0.3 | 17        |
| 39 | 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        |
| 40 | Cardiac N-methyl d-aspartate Receptors as a Pharmacological Target. <i>Journal of Cardiovascular Pharmacology</i> , 2016, 68, 356-373.   | 0.8 | 15        |
| 41 | Disorders of the Cardiovascular System. , 2018, , 387-541.   |     | 15        |
| 42 | Heart rate variability analysis in horses for the diagnosis of arrhythmias. <i>Veterinary Journal</i> , 2021, 268, 105590.   | 0.6 | 14        |
| 43 | Evaluation of a continuous glucose monitoring system compared with an inâ€‘house standard laboratory assay and a handheld pointâ€‘ofâ€‘care glucometer in critically ill neonatal foals. <i>Journal of Veterinary Emergency and Critical Care</i> , 2013, 23, 408-415. | 0.4 | 13        |
| 44 | 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        |
| 45 | 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        |
| 46 | Splenic rupture and splenectomy in a foal. <i>Equine Veterinary Education</i> , 2008, 20, 367-370.   | 0.3 | 11        |
| 47 | Cor pulmonale in a horse with granulomatous pneumonia. <i>Equine Veterinary Education</i> , 2006, 18, 182-187.   | 0.3 | 11        |
| 48 | 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        |
| 49 | Persistent truncus arteriosus and patent foramen ovale in a Simmentaler x Braunvieh calf. <i>Veterinary Record</i> , 2003, 152, 329-333.   | 0.2 | 9         |
| 50 | 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         |
| 51 | 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         |
| 52 | 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         |
| 53 | The use of dexmedetomidine continuous rate infusion for horses undergoing transvenous electrical cardioversionâ€‘A case series. <i>Canadian Veterinary Journal</i> , 2016, 57, 70-5.   | 0.0 | 9         |
| 54 | 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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| 55 | 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         |
| 56 | 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         |
| 57 | 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         |
| 58 | Assessment of Equine Autoimmune Thrombocytopenia (EAT) by flow cytometry. <i>BMC Hematology</i> , 2001, 1, 1.   | 2.6 | 7         |
| 59 | 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         |
| 60 | Extraskeletal osteosarcoma of the thorax in a goat: case report. <i>BMC Veterinary Research</i> , 2011, 7, 55.  | 0.7 | 6         |
| 61 | 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         |
| 62 | 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         |
| 63 | Thoracic intervertebral disc protrusion in a donkey. <i>Veterinary Record</i> , 2003, 152, 660-661.   | 0.2 | 5         |
| 64 | Pharmacokinetics of the calcium-channel blocker diltiazem after a single intravenous dose in horses <sup>1</sup> . <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2006, 29, 165-171.  | 0.6 | 5         |
| 65 | Abnormal regurgitation in three cows caused by intrathoracic periesophageal lesions. <i>Acta Veterinaria Scandinavica</i> , 2014, 56, 14.   | 0.5 | 5         |
| 66 | 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         |
| 67 | Plasma homocysteine concentrations in healthy horses and horses with atrial fibrillation. <i>Journal of Veterinary Cardiology</i> , 2018, 20, 276-284.  | 0.3 | 5         |
| 68 | 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         |
| 69 | 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         |
| 70 | Situs ambiguus in a Brown Swiss cow with polysplenia: case report. <i>BMC Veterinary Research</i> , 2013, 9, 34.  | 0.7 | 4         |
| 71 | 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         |
| 72 | 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         |

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|----|---|-----|-----------|
| 73 | Atrial fibrillation management in a breeding stallion. <i>Journal of Veterinary Cardiology</i> , 2017, 19, 299-307.   | 0.3 | 4         |
| 74 | 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         |
| 75 | 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         |
| 76 | 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         |
| 77 | 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         |
| 78 | 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         |
| 79 | High Cardiac Troponin I Serum Concentration in a Horse with Multifocal Ventricular Tachycardia and Myocardial Necrosis. <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 364.   | 0.6 | 3         |
| 80 | 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         |
| 81 | 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         |
| 82 | Balloon valvuloplasty of valvular pulmonary stenosis in a neonatal foal. <i>Journal of Veterinary Cardiology</i> , 2021, 36, 48-54.   | 0.3 | 2         |
| 83 | 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         |
| 84 | 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         |
| 85 | Abnormalities of the erythron. , 2014, , 939-973.   |     | 1         |
| 86 | 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 TgBT /Overlock 10 T | 1.8 | 0         |
| 87 | 2016, 111, S43-S43.<br>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         |
| 88 | Science-in-a-brief: Equine Cardiology Virtual Retreat June 2020. <i>Equine Veterinary Journal</i> , 2020, 52, 787-789.  | 0.9 | 0         |
| 89 | 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         |
| 90 | Abnormalities of the erythron. , 2004, , 967-999.   |     | 0         |