

# Chad W Schmiedt

## List of Publications by Citations

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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.

74  
papers

609  
citations

14  
h-index

19  
g-index

79  
ext. papers

789  
ext. citations

2.1  
avg, IF

3.99  
L-index

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 74 | Survival, complications, and analysis of risk factors after renal transplantation in cats. <i>Veterinary Surgery</i> , <b>2008</b> , 37, 683-95  | 1.7 | 43        |
| 73 | Traumatic diaphragmatic hernia in cats: 34 cases (1991-2001). <i>Journal of the American Veterinary Medical Association</i> , <b>2003</b> , 222, 1237-40   | 1   | 33        |
| 72 | Indirect computed tomography lymphangiography with aqueous contrast for evaluation of sentinel lymph nodes in dogs with tumors of the head. <i>Veterinary Radiology and Ultrasound</i> , <b>2017</b> , 58, 559-564                                 | 1.2 | 29        |
| 71 | Feline mesenchymal stem cells and supernatant inhibit reactive oxygen species production in cultured feline neutrophils. <i>Research in Veterinary Science</i> , <b>2015</b> , 103, 60-9   | 2.5 | 28        |
| 70 | Accidental prehension and suspected transmucosal or oral absorption of fentanyl from a transdermal patch in a dog. <i>Veterinary Anaesthesia and Analgesia</i> , <b>2007</b> , 34, 70-3  | 1.3 | 26        |
| 69 | Cosmetic rostral nasal reconstruction after nasal planum and premaxilla resection: technique and results in two dogs. <i>Veterinary Surgery</i> , <b>2007</b> , 36, 669-74   | 1.7 | 25        |
| 68 | Catalyzed Nitric Oxide Release Via Cu Nanoparticles Leads to an Increase in Antimicrobial Effects and Hemocompatibility for Short Term Extracorporeal Circulation. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 2539-2548                   | 4.1 | 24        |
| 67 | Survey of Intraoperative Bacterial Contamination in Dogs Undergoing Elective Orthopedic Surgery. <i>Veterinary Surgery</i> , <b>2016</b> , 45, 214-22  | 1.7 | 21        |
| 66 | Efficacy of allogeneic mesenchymal stem cell administration in a model of acute ischemic kidney injury in cats. <i>Research in Veterinary Science</i> , <b>2016</b> , 108, 18-24   | 2.5 | 17        |
| 65 | Treatment of intestinal pythiosis in a dog with a combination of marginal excision, chemotherapy, and immunotherapy. <i>Journal of the American Veterinary Medical Association</i> , <b>2012</b> , 241, 358-63                                     | 1   | 17        |
| 64 | Small animal exploratory thoracoscopy. <i>Veterinary Clinics of North America - Small Animal Practice</i> , <b>2009</b> , 39, 953-64   | 2.4 | 15        |
| 63 | A novel vascular clip design for the reliable induction of 2-kidney, 1-clip hypertension in the rat. <i>Journal of Applied Physiology</i> , <b>2012</b> , 112, 362-6   | 3.7 | 15        |
| 62 | Ureteral papilla implantation as a technique for neoureterocystostomy in cats. <i>Veterinary Surgery</i> , <b>2005</b> , 34, 393-8   | 1.7 | 15        |
| 61 | Evaluation of Gastroesophageal Reflux in Anesthetized Dogs with Brachycephalic Syndrome. <i>Journal of the American Animal Hospital Association</i> , <b>2017</b> , 53, 24-31  | 1.3 | 14        |
| 60 | Mimicking the Endothelium: Dual Action Heparinized Nitric Oxide Releasing Surface. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 20158-20171   | 9.5 | 13        |
| 59 | Long-term survival of dogs treated for gallbladder mucocele by cholecystectomy, medical management, or both. <i>Journal of Veterinary Internal Medicine</i> , <b>2019</b> , 33, 2057-2066  | 3.1 | 12        |
| 58 | Multipronged Approach to Combat Catheter-Associated Infections and Thrombosis by Combining Nitric Oxide and a Polyzwitterion: a 7 Day In Vivo Study in a Rabbit Model. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 9070-9079 | 9.5 | 12        |

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| 57 | Characterization and in vivo performance of nitric oxide-releasing extracorporeal circuits in a feline model of thrombogenicity. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2017</b> , 105, 539-546   | 5.4 | 12 |
| 56 | Cardiovascular Involvement in 8 Dogs with <i>Blastomyces dermatitidis</i> Infection. <i>Journal of Veterinary Internal Medicine</i> , <b>2006</b> , 20, 1351-1354  | 3.1 | 12 |
| 55 | Lung lobe torsion in dogs: 52 cases (2005-2017). <i>Veterinary Surgery</i> , <b>2018</b> , 47, 1002-1008   | 1.7 | 12 |
| 54 | Chronic Renal Changes After a Single Ischemic Event in an Experimental Model of Feline Chronic Kidney Disease. <i>Veterinary Pathology</i> , <b>2019</b> , 56, 536-543   | 2.8 | 11 |
| 53 | Effects of orally administered enalapril on blood pressure and hemodynamic response to vasopressors during isoflurane anesthesia in healthy dogs. <i>Veterinary Anaesthesia and Analgesia</i> , <b>2016</b> , 43, 482-94   | 1.3 | 11 |
| 52 | Expanding Hydrophobically Modified Chitosan Foam for Internal Surgical Hemostasis: Safety Evaluation in a Murine Model. <i>Journal of Surgical Research</i> , <b>2019</b> , 239, 269-277   | 2.5 | 10 |
| 51 | Clinical findings, diagnostic test results, and treatment outcome in cats with hiatal hernia: 31 cases (1995-2018). <i>Journal of Veterinary Internal Medicine</i> , <b>2019</b> , 33, 1970-1976   | 3.1 | 10 |
| 50 | Effects of renal autograft ischemia and reperfusion associated with renal transplantation on arterial blood pressure variables in clinically normal cats. <i>American Journal of Veterinary Research</i> , <b>2009</b> , 70, 1426-32   | 1.1 | 10 |
| 49 | Comparison of two doses of recombinant human bone morphogenetic protein in absorbable collagen sponges for bone healing in dogs. <i>American Journal of Veterinary Research</i> , <b>2007</b> , 68, 834-40   | 1.1 | 10 |
| 48 | Evaluation of surgical models for training veterinary students to perform enterotomies. <i>Veterinary Surgery</i> , <b>2019</b> , 48, 985-996  | 1.7 | 8  |
| 47 | Use of indirect computed tomography lymphangiography to determine metastatic status of sentinel lymph nodes in dogs with a pre-operative diagnosis of melanoma or mast cell tumour. <i>Veterinary and Comparative Oncology</i> , <b>2020</b> , 18, 818-824   | 2.5 | 8  |
| 46 | Profibrotic gene transcription in renal tissues from cats with ischemia-induced chronic kidney disease. <i>American Journal of Veterinary Research</i> , <b>2020</b> , 81, 180-189   | 1.1 | 8  |
| 45 | Effects of renal autograft ischemic storage and reperfusion on intraoperative hemodynamic patterns and plasma renin concentrations in clinically normal cats undergoing renal autotransplantation and contralateral nephrectomy. <i>American Journal of Veterinary Research</i> , <b>2010</b> , 71, 1220-7 | 1.1 | 8  |
| 44 | Measurement of plasma renin concentration in cats by use of a fluorescence resonance energy transfer peptide substrate of renin. <i>American Journal of Veterinary Research</i> , <b>2009</b> , 70, 1315-22  | 1.1 | 8  |
| 43 | Description of the Anatomy, Surgical Technique, and Outcome of Hemipelvectomy in 4 Dogs and 5 Cats. <i>Veterinary Surgery</i> , <b>2015</b> , 44, 613-26   | 1.7 | 7  |
| 42 | Ultrasonographic determination of resistive index and graft size for evaluating clinical feline renal allografts. <i>Veterinary Radiology and Ultrasound</i> , <b>2008</b> , 49, 73-80   | 1.2 | 7  |
| 41 | Assessment of Acute Kidney Injury and Renal Fibrosis after Renal Ischemia Protocols in Cats. <i>Comparative Medicine</i> , <b>2017</b> , 67, 56-66   | 1.6 | 7  |
| 40 | Impact of Expert Commentary and Student Reflection on Veterinary Clinical Decision-Making Skills in an Innovative Electronic-Learning Case-Based Platform. <i>Journal of Veterinary Medical Education</i> , <b>2018</b> , 45, 307-319  | 1.3 | 7  |

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| 39 | Effect of Acute Ingestion of Green Tea Extract and Lemon Juice on Oxidative Stress and Lipid Profile in Pigs Fed a High-Fat Diet. <i>Antioxidants</i> , <b>2019</b> , 8,                                    | 7.1 | 6 |
| 38 | Trophic factor supplemented UW solution reduces intimal hyperplasia in the rat aortic transplant model. <i>Cryobiology</i> , <b>2007</b> , 54, 204-11   | 2.7 | 6 |
| 37 | Use of capecitabine after renal allograft transplantation in dog erythrocyte antigen-matched dogs. <i>Veterinary Surgery</i> , <b>2006</b> , 35, 113-24   | 1.7 | 6 |
| 36 | Efficacy of telmisartan for the treatment of persistent renal proteinuria in dogs: A double-masked, randomized clinical trial. <i>Journal of Veterinary Internal Medicine</i> , <b>2020</b> , 34, 2478-2496 | 3.1 | 6 |
| 35 | Evaluation of profibrotic gene transcription in renal tissues from cats with naturally occurring chronic kidney disease. <i>Journal of Veterinary Internal Medicine</i> , <b>2020</b> , 34, 1476-1487       | 3.1 | 5 |
| 34 | Intercostal approach for right adrenalectomy in dogs. <i>Veterinary Surgery</i> , <b>2014</b> , 43, 99-104  | 1.7 | 5 |
| 33 | Cardiovascular involvement in 8 dogs with blastomyces dermatitidis infection. <i>Journal of Veterinary Internal Medicine</i> , <b>2006</b> , 20, 1351-4   | 3.1 | 5 |
| 32 | Validation of a model of feline ureteral obstruction as a tool for teaching microsurgery to veterinary surgeons. <i>Veterinary Surgery</i> , <b>2018</b> , 47, 357-366                                      | 1.7 | 4 |
| 31 | Pilot study: use of contrast-enhanced ultrasonography in feline renal transplant recipients. <i>Journal of Feline Medicine and Surgery</i> , <b>2018</b> , 20, 393-398                                      | 2.3 | 4 |
| 30 | Outcome following cosmetic rostral nasal reconstruction after planectomy in 26 dogs. <i>Veterinary Surgery</i> , <b>2019</b> , 48, 64-69  | 1.7 | 4 |
| 29 | Abdominal lymphatic drainage after thoracic duct ligation and cisterna chyli ablation in clinically normal cats. <i>American Journal of Veterinary Research</i> , <b>2019</b> , 80, 885-890                 | 1.1 | 3 |
| 28 | Circumferential cervical rubber band foreign body diagnosis in a dog using computed tomography. <i>Canadian Veterinary Journal</i> , <b>2014</b> , 55, 961-4  | 0.5 | 3 |
| 27 | Efficacy of a topical bovine-derived thrombin solution as a hemostatic agent in a rodent model of hepatic injury. <i>Canadian Journal of Veterinary Research</i> , <b>2015</b> , 79, 303-8                  | 0.5 | 3 |
| 26 | Os clitoridis in dogs: 17 cases (2009-2017). <i>Canadian Veterinary Journal</i> , <b>2018</b> , 59, 606-610   | 0.5 | 3 |
| 25 | Partial cystectomy with a bipolar sealing device in seven dogs with naturally occurring bladder tumors. <i>Veterinary Surgery</i> , <b>2020</b> , 49, 794-799   | 1.7 | 2 |
| 24 | Owner Perception of Outcome Following Permanent Tracheostomy in Dogs. <i>Journal of the American Animal Hospital Association</i> , <b>2018</b> , 54, 285-290  | 1.3 | 2 |
| 23 | Occipital Artery Function during the Development of 2-Kidney, 1-Clip Hypertension in Rats. <i>International Journal of Vascular Medicine</i> , <b>2014</b> , 2014, 659617                                   | 1.2 | 2 |
| 22 | Use of topical bovine thrombin in an anti-coagulated rat model of hepatic injury. <i>Research in Veterinary Science</i> , <b>2012</b> , 93, 1498-503  | 2.5 | 2 |

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|----|--|---------------|---|
| 21 | Assessment of plasma uracil-to-dihydrouracil concentration ratio as an indicator of dihydropyrimidine dehydrogenase activity in clinically normal dogs and dogs with neoplasia or renal insufficiency. <i>American Journal of Veterinary Research</i> , <b>2012</b> , 73, 119-24 | 1.1           | 2 |
| 20 | Use of capecitabine to prevent acute renal allograft rejection in dog erythrocyte antigen-mismatched mongrel dogs. <i>Veterinary Surgery</i> , <b>2007</b> , 36, 10-20   | 1.7           | 2 |
| 19 | Effect of cold storage on immediate graft function in an experimental model of renal transplantation in cats. <i>American Journal of Veterinary Research</i> , <b>2017</b> , 78, 330-339   | 1.1           | 1 |
| 18 | Surgical resection of a left auricular aneurysm in a dog. <i>Journal of Veterinary Cardiology</i> , <b>2019</b> , 23, 15-20  | 1.9           | 1 |
| 17 | Biometric evidence of diet-induced obesity in Lew/Crl rats. <i>Comparative Medicine</i> , <b>2011</b> , 61, 131-7  | 1.6           | 1 |
| 16 | Risk factors for gastrointestinal upset and evaluation of outcome following surgical resection of canine pancreatic islet tumors. <i>Canadian Veterinary Journal</i> , <b>2019</b> , 60, 1312-1318   | 0.5           | 1 |
| 15 | Evaluation of concurrent perineal hernia in adult male dogs presenting with nontraumatic, acquired inguinal hernias. <i>Canadian Veterinary Journal</i> , <b>2021</b> , 62, 617-620  | 0.5           | 1 |
| 14 | Analysis of genes associated with proinflammatory and profibrotic pathways upregulated in ischemia-induced chronic kidney disease in cats. <i>American Journal of Veterinary Research</i> , <b>2021</b> , 82, 589-597  | 1.1           | 1 |
| 13 | Thyroidectomy  | 185-192       | 1 |
| 12 | MicroRNAs are differentially expressed in the serum and renal tissues of cats with experimentally induced chronic kidney disease: a preliminary study.. <i>American Journal of Veterinary Research</i> , <b>2022</b> , 1-8   | 1.1           | 1 |
| 11 | Single pedicle advancement flap for treatment of feline stenotic nares: technique and results in five cases. <i>Journal of Feline Medicine and Surgery</i> , <b>2020</b> , 22, 1238-1242   | 2.3           | 0 |
| 10 | Using failure cases to promote veterinary students' problem-solving abilities: a qualitative study. <i>Educational Technology Research and Development</i> , <b>2020</b> , 68, 2121-2146   | 3.6           | 0 |
| 9  | Characterization of the intrarenal renin-angiotensin system in cats with naturally occurring chronic kidney disease.. <i>Journal of Veterinary Internal Medicine</i> , <b>2022</b> , 36, 647-655   | 3.1           | 0 |
| 8  | Dorsal offset rhinoplasty for treatment of stenotic nares in 34 brachycephalic dogs. <i>Veterinary Surgery</i> , <b>2020</b> , 49, 1497-1502   | 1.7           | 0 |
| 7  | Dogs five years of age at the time of congenital extrahepatic portosystemic shunt diagnosis have better long-term outcomes with surgical attenuation than with medical management alone.. <i>Journal of the American Veterinary Medical Association</i> , <b>2022</b> , 1-7      | 1             | 0 |
| 6  | Pleural Space Disease: Hemothorax  | 2015, 320-326 |   |
| 5  | Anatomic characterization of the location of the esophageal ostium relative to the rima glottidis on CT in adult Labrador Retrievers. <i>American Journal of Veterinary Research</i> , <b>2021</b> , 1-6   | 1.1           |   |
| 4  | Parathyroidectomy  | 193-197       |   |

- 3 Influence of doxapram and intermittent 10% carbon dioxide inspiration on cardiovascular and laryngeal functions in anesthetized dogs. *Veterinary Surgery*, **2021**, 50, 1418-1426 1.7
- 2 Influence of exposure to microbial ligands, immunosuppressive drugs and chronic kidney disease on endogenous immunomodulatory gene expression in feline adipose-derived mesenchymal stem cells.. *Journal of Feline Medicine and Surgery*, **2022**, 1098612X221083074 2.3
- 1 Hemothorax **2022**, 433-440