

# Silke Hecht

## List of Publications by Year in descending order

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87  
papers

1,253  
citations

394421

19  
h-index

434195

31  
g-index

89  
all docs

89  
docs citations

89  
times ranked

1002  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sonographic Evaluation of the Normal and Abnormal Pancreas. Topics in Companion Animal Medicine, 2007, 22, 115-121.	0.6	91
2	Early Detection, Aggressive Therapy. Journal of Feline Medicine and Surgery, 2010, 12, 214-224.	1.6	69
3	IMAGING FINDINGS IN PANCREATIC NEOPLASIA AND NODULAR HYPERPLASIA IN 19 CATS. Veterinary Radiology and Ultrasound, 2007, 48, 45-50.	0.9	59
4	RADIOGRAPHIC DIAGNOSIS OF LUNG LOBE TORSION. Veterinary Radiology and Ultrasound, 2005, 46, 478-484.	0.9	52
5	MRI of Brain Disease in Veterinary Patients Part 1: Basic Principles and Congenital Brain Disorders. Veterinary Clinics of North America - Small Animal Practice, 2010, 40, 21-38.	1.5	52
6	Graphene nanoparticles as osteoinductive and osteoconductive platform for stem cell and bone regeneration. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 2117-2126.	3.3	52
7	MAGNETIC RESONANCE IMAGING SUSCEPTIBILITY ARTIFACTS DUE TO METALLIC FOREIGN BODIES. Veterinary Radiology and Ultrasound, 2011, 52, 409-414.	0.9	47
8	RELATIONSHIP OF PANCREATIC DUCT DILATION TO AGE AND CLINICAL FINDINGS IN CATS. Veterinary Radiology and Ultrasound, 2006, 47, 287-294.	0.9	40
9	MRI of Brain Disease in Veterinary Patients Part 2: Acquired Brain Disorders. Veterinary Clinics of North America - Small Animal Practice, 2010, 40, 39-63.	1.5	40
10	MYELOGRAPHY VS. COMPUTED TOMOGRAPHY IN THE EVALUATION OF ACUTE THORACOLUMBAR INTERVERTEBRAL DISK EXTRUSION IN CHONDRODYSTROPHIC DOGS. Veterinary Radiology and Ultrasound, 2009, 50, 353-359.	0.9	38
11	USE OF ULTRASOUND TO LOCATE RETAINED TESTES IN DOGS AND CATS. Veterinary Radiology and Ultrasound, 2012, 53, 581-585.	0.9	33
12	Topographic and age-dependent distribution of subchondral bone density in the elbow joints of clinically normal dogs. American Journal of Veterinary Research, 2011, 72, 491-499.	0.6	29
13	Ultrasonographic and clinicopathological features of feline gastrointestinal eosinophilic sclerosing fibroplasia in four cats. Journal of Feline Medicine and Surgery, 2013, 15, 148-154.	1.6	27
14	MAGNETIC RESONANCE IMAGING FINDINGS IN THE SPINE OF SIX DOGS DIAGNOSED WITH LYMPHOMA. Veterinary Radiology and Ultrasound, 2016, 57, 154-161.	0.9	27
15	DIAGNOSIS AND TREATMENT OF A PHARYNGEAL SQUAMOUS CELL CARCINOMA IN A MADAGASCAR GROUND BOA ( <i>BOA MADAGASCARIENSIS</i> ). Journal of Zoo and Wildlife Medicine, 2013, 44, 144-151.	0.6	26
16	Malignant Mediastinal Extra-Adrenal Paraganglioma with Spinal Cord Invasion in a Dog. Journal of Veterinary Diagnostic Investigation, 2008, 20, 372-375.	1.1	25
17	USE OF THE T2*â€WEIGHTED GRADIENT RECALLED ECHO SEQUENCE FOR MAGNETIC RESONANCE IMAGING OF THE CANINE AND FELINE BRAIN. Veterinary Radiology and Ultrasound, 2014, 55, 599-606.	0.9	24
18	Magnetic Resonance Imaging ( <i>sc</i> MRI <i>sc</i> ) Spinal Cord and Canal Measurements in Normal Dogs. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2014, 43, 36-41.	0.7	22

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19	SUSCEPTIBILITY ARTIFACTS ON T2*WEIGHTED MAGNETIC RESONANCE IMAGING OF THE CANINE AND FELINE SPINE. <i>Veterinary Radiology and Ultrasound</i> , 2015, 56, 398-406.	0.9	21
20	Comparison of penetrating and nonpenetrating captive bolt methods in horned goats. <i>American Journal of Veterinary Research</i> , 2017, 78, 151-157.	0.6	20
21	Cerebral <i>Blastomyces dermatitidis</i> infection in a cat. <i>Journal of the American Veterinary Medical Association</i> , 2007, 231, 1210-1214.	0.5	18
22	Diagnosis and Surgical Treatment of a Chiari like Malformation in an African Lion ( <i>Panthera leo</i> ). <i>Journal of Zoo and Wildlife Medicine</i> , 2008, 39, 421-427.	0.6	18
23	EFFECTS OF GADOXETATE DISODIUM (EOVISTÂ®) CONTRAST ON MAGNETIC RESONANCE IMAGING CHARACTERISTICS OF THE LIVER IN CLINICALLY HEALTHY DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2014, 55, 286-291.	0.9	18
24	Effect of anesthetizing individual compartments of the stifle joint in horses with experimentally induced stifle joint lameness. <i>American Journal of Veterinary Research</i> , 2014, 75, 19-25.	0.6	18
25	MAGNETIC RESONANCE IMAGING FEATURES OF THE TEMPOROMANDIBULAR JOINT IN NORMAL DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2010, 51, 436-440.	0.9	17
26	Clinical and Imaging Findings in Five Dogs with Intracranial Blastomycosis ( <i>Blastomyces dermatitidis</i> ). <i>Journal of the American Animal Hospital Association</i> , 2011, 47, 241-249.	1.1	17
27	Intracranial extension of retrobulbar blastomycosis ( <i>Blastomyces dermatitidis</i> ) in a dog. <i>Veterinary Ophthalmology</i> , 2011, 14, 137-141.	1.0	17
28	Diagnostic Imaging of Lower Urinary Tract Disease. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2015, 45, 639-663.	1.5	16
29	What Is Your Diagnosis?. <i>Journal of the American Veterinary Medical Association</i> , 2007, 231, 381-382.	0.5	15
30	STUDENT PERFORMANCE AND COURSE EVALUATIONS BEFORE AND AFTER USE OF THE CLASSROOM PERFORMANCE SYSTEM, C IN A THIRD YEAR VETERINARY RADIOLOGY COURSE. <i>Veterinary Radiology and Ultrasound</i> , 2013, 54, 114-121.	0.9	15
31	IMAGING DIAGNOSIS OF SCLEROSING ENCAPSULATING PERITONITIS IN A DOG. <i>Veterinary Radiology and Ultrasound</i> , 2015, 56, E65-9.	0.9	14
32	DIURETIC RENAL SCINTIGRAPHY IN NORMAL DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2006, 47, 602-608.	0.9	13
33	AGREEMENT BETWEEN T2 AND HASTE SEQUENCES IN THE EVALUATION OF THORACOLUMBAR INTERVERTEBRAL DISC DISEASE IN DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2012, 53, 162-166.	0.9	13
34	Magnetic Resonance Imaging Features of Extradural Spinal Neoplasia in 60 Dogs and Seven Cats. <i>Frontiers in Veterinary Science</i> , 2020, 7, 610490.	2.2	12
35	Evaluation of a bone filler scaffold for local antibiotic delivery to prevent <i>Staphylococcus aureus</i> infection in a contaminated bone defect. <i>Scientific Reports</i> , 2021, 11, 10254.	3.3	12
36	EFFECTS OF OBSERVER ON THE DIAGNOSTIC ACCURACY OF LOW FIELD MRI FOR DETECTING CANINE MENISCAL TEARS. <i>Veterinary Radiology and Ultrasound</i> , 2012, 53, 628-635.	0.9	11

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37	MAGNETIC RESONANCE IMAGING OF CANINE MAST CELL TUMORS. <i>Veterinary Radiology and Ultrasound</i> , 2012, 53, 167-173.	0.9	11
38	Evaluation of magnetic resonance imaging for the differentiation of inflammatory, neoplastic, and vascular intradural spinal cord diseases in the dog. <i>Veterinary Radiology and Ultrasound</i> , 2017, 58, 444-453.	0.9	11
39	Evaluation of a Polyurethane Platform for Delivery of Nanohydroxyapatite and Decellularized Bone Particles in a Porous Three-Dimensional Scaffold. <i>ACS Applied Bio Materials</i> , 2019, 2, 1815-1829.	4.6	11
40	GADOXETATE DISODIUM (GDä€œOBä€œDTPA) CONTRAST ENHANCED MAGNETIC RESONANCE IMAGING CHARACTERISTICS OF HEPATOCELLULAR CARCINOMA IN DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2016, 57, 594-600.	0.9	10
41	<sup>99m</sup> Tc-DTPA diuretic renal scintigraphy in cats with nephroureterolithiasis. <i>Journal of Feline Medicine and Surgery</i> , 2010, 12, 423-430.	1.6	9
42	Functionality of implanted microchips following magnetic resonance imaging. <i>Journal of the American Veterinary Medical Association</i> , 2012, 240, 577-579.	0.5	9
43	Investigation of parameters predicting the need for diagnostic imaging beyond computed tomography in the evaluation of dogs with thoracolumbar myelopathy: Retrospective evaluation of 555 dogs. <i>Veterinary Radiology and Ultrasound</i> , 2018, 59, 147-154.	0.9	9
44	The frequency of oral famotidine administration influences its effect on gastric pH in cats over time. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 544-550.	1.6	9
45	Canine intrahepatic portosystemic shunt insertion into the systemic circulation is commonly through primary hepatic veins as assessed with CT angiography. <i>Veterinary Radiology and Ultrasound</i> , 2020, 61, 519-530.	0.9	9
46	Comparative analysis of the effect of IV administered acid suppressants on gastric pH in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 678-683.	1.6	9
47	ULTRASONOGRAPHIC OBSERVATION OF SECRETINä€œINDUCED PANCREATIC DUCT DILATION IN HEALTHY CATS. <i>Veterinary Radiology and Ultrasound</i> , 2010, 51, 86-89.	0.9	8
48	What Is Your Diagnosis?. <i>Journal of the American Veterinary Medical Association</i> , 2010, 237, 1375-1376.	0.5	8
49	Evaluation of Four Techniques for Injecting the Trochanteric Bursa of Horses. <i>Veterinary Surgery</i> , 2011, 40, 489-493.	1.0	8
50	DIURETIC RENAL SCINTIGRAPHY IN NORMAL CATS. <i>Veterinary Radiology and Ultrasound</i> , 2008, 49, 589-594.	0.9	7
51	Use of Propentofylline in Feline Bronchial Disease: Prospective, Randomized, Positive-Controlled Study. <i>Journal of the American Animal Hospital Association</i> , 2010, 46, 318-326.	1.1	7
52	Branchial Cyst With Carcinoma in an Umbrella Cockatoo ( <i>Cacatua alba</i> ). <i>Journal of Avian Medicine and Surgery</i> , 2014, 28, 232-239.	0.5	7
53	( <sup>99m</sup> Tc-DTPA diuretic renal scintigraphy in dogs with nephroureterolithiasis. <i>Canadian Veterinary Journal</i> , 2010, 51, 1360-6.	0.0	7
54	Comparative analysis of the effect of PO administered acid suppressants on gastric pH in healthy cats. <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 1879-1885.	1.6	6

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55	Case Report: Meningoencephalomyelitis of Unknown Etiology Manifesting as a Bilateral Cranial Polyneuropathy in 3 Dogs. <i>Frontiers in Veterinary Science</i> , 2020, 7, 326.	2.2	6
56	Clinical Features of Spinal Cord Hemangioblastoma in a Dog. <i>Frontiers in Veterinary Science</i> , 2015, 2, 39.	2.2	5
57	Evaluation of the effect of a famotidine continuous rate infusion on intragastric pH in healthy dogs. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 1988-1994.	1.6	5
58	Medical management of gastrinoma in a cat. <i>Journal of Feline Medicine and Surgery Open Reports</i> , 2016, 2, 205511691664638.	0.2	4
59	Agreement of Magnetic Resonance Imaging With Computed Tomography in the Assessment for Acute Skull Fractures in a Canine and Feline Cadaver Model. <i>Frontiers in Veterinary Science</i> , 2021, 8, 603775.	2.2	4
60	Influence of a novel scaffold composed of polyurethane, hydroxyapatite, and decellularized bone particles on the healing of fourth metacarpal defects in mares. <i>Veterinary Surgery</i> , 2021, 50, 1117-1127.	1.0	4
61	Detecting pulmonary Coccidioidomycosis with deep convolutional neural networks. <i>Machine Learning With Applications</i> , 2021, 5, 100040.	4.4	4
62	Veterinary Medicine Today What Is Your Diagnosis?. <i>Journal of the American Veterinary Medical Association</i> , 2005, 227, 223-224.	0.5	3
63	HYDROCEPHALUS IN THREE JUVENILE NORTH AMERICAN BLACK BEARS ( <i>URSUS AMERICANUS</i> ). <i>Journal of Zoo and Wildlife Medicine</i> , 2016, 47, 632-635.	0.6	3
64	Cranial thoracic stenotic spondylomyelopathy in a young Rottweiler. <i>Veterinary Record Case Reports</i> , 2017, 5, e000382.	0.2	3
65	What Is Your Diagnosis?. <i>Journal of the American Veterinary Medical Association</i> , 2007, 231, 861-862.	0.5	2
66	What Is Your Diagnosis?. <i>Journal of the American Veterinary Medical Association</i> , 2008, 233, 385-386.	0.5	2
67	What Is Your Diagnosis?. <i>Journal of the American Veterinary Medical Association</i> , 2012, 241, 181-183.	0.5	2
68	Magnetic Resonance Imaging Findings in 13 Neurologic Pot-Bellied Pigs. <i>Frontiers in Veterinary Science</i> , 2020, 7, 21.	2.2	2
69	Imaging features of retroperitoneal extraadrenal paragangliomas in 10 dogs. <i>Veterinary Radiology and Ultrasound</i> , 2022, 63, 393-402.	0.9	2
70	What Is Your Diagnosis?. <i>Journal of the American Veterinary Medical Association</i> , 2009, 235, 1041-1042.	0.5	1
71	What Is Your Diagnosis?. <i>Journal of the American Veterinary Medical Association</i> , 2011, 239, 573-574.	0.5	1
72	What Is Your Diagnosis?. <i>Journal of the American Veterinary Medical Association</i> , 2015, 246, 605-607.	0.5	1

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73	What Is Your Diagnosis?. Journal of the American Veterinary Medical Association, 2018, 252, 533-535.	0.5	1
74	Gadolinium contrast medium administration does not adversely affect T2*-weighted gradient recalled echo magnetic resonance imaging of the canine brain at 1.5 Tesla. Veterinary Radiology and Ultrasound, 2019, 60, 184-191.	0.9	1
75	Retrobulbar and Tongue Base Pyogranulomatous Myositis Resulting in Strabismus in a Dog: Case Report. Frontiers in Veterinary Science, 2020, 7, 360.	2.2	1
76	High-field MRI using standard pulse sequences has moderate to substantial interobserver agreement and good accuracy for differentiation between intracranial extra-axial histiocytic sarcoma and meningioma in dogs. Veterinary Radiology and Ultrasound, 2022, 63, 176-184.	0.9	1
77	Cranial and vertebral osteosarcoma commonly has T2 signal heterogeneity, contrast enhancement, and osteolysis on MRI: A case series of 35 dogs. Veterinary Radiology and Ultrasound, 2022, 63, 552-562.	0.9	1
78	What Is Your Diagnosis?. Journal of the American Veterinary Medical Association, 2008, 233, 1401-1402.	0.5	0
79	What Is Your Diagnosis?. Journal of the American Veterinary Medical Association, 2010, 236, 401-402.	0.5	0
80	Corrigendum to "Early detection, aggressive therapy. Optimizing the management of feline mammary masses" [J Feline Med Surg 2010; 12: 214-224]. Journal of Feline Medicine and Surgery, 2011, 13, 155-155.	1.6	0
81	Use of Contrast-Enhanced MR Angiography (CE-MRA) for the Diagnosis of a Vascular Ring Anomaly in a Dog. Case Reports in Veterinary Medicine, 2012, 2012, 1-4.	0.2	0
82	What Is Your Diagnosis?. Journal of the American Veterinary Medical Association, 2012, 240, 817-818.	0.5	0
83	What Is Your Diagnosis?. Journal of the American Veterinary Medical Association, 2015, 246, 185-187.	0.5	0
84	The Lung and Intrathoracic Structures. , 2020, , 269-288.		0
85	What Is Your Diagnosis?. Journal of the American Veterinary Medical Association, 2021, 258, 1185-1187.	0.5	0
86	Pharmacokinetic characterization of fluorocoxib D, a cyclooxygenase-2-targeted optical imaging agent for detection of cancer. Journal of Biomedical Optics, 2020, 25, .	2.6	0
87	A common celiacomesenteric trunk is a rare anatomic variant in dogs. Veterinary Radiology and Ultrasound, 2022, 63, 201-205.	0.9	0