

# Patrick R Kircher

## List of Publications by Citations

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103  
papers

1,240  
citations

17  
h-index

29  
g-index

107  
ext. papers

1,462  
ext. citations

1.7  
avg, IF

4.21  
L-index

#	Paper	IF	Citations
103	A missense mutation in the SERPINH1 gene in Dachshunds with osteogenesis imperfecta. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000579	6	102
102	Weanling piglet cerebellum: a surrogate for tolerance to MRT (microbeam radiation therapy) in pediatric neuro-oncology <b>2001</b> ,		101
101	Growth and wear of incisor and cheek teeth in domestic rabbits ( <i>Oryctolagus cuniculus</i> ) fed diets of different abrasiveness. <i>Journal of Experimental Zoology</i> , <b>2014</b> , 321, 283-98		70
100	Comparison of ultrasonographic findings with clinical activity index (CIBDAI) and diagnosis in dogs with chronic enteropathies. <i>Veterinary Radiology and Ultrasound</i> , <b>2008</b> , 49, 56-64	1.2	46
99	Tooth length and incisal wear and growth in guinea pigs ( <i>Cavia porcellus</i> ) fed diets of different abrasiveness. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2015</b> , 99, 591-604	2.6	44
98	Low-field Mri and arthroscopy of meniscal lesions in ten dogs with experimentally induced cranial cruciate ligament insufficiency. <i>Veterinary Radiology and Ultrasound</i> , <b>2006</b> , 47, 515-22	1.2	41
97	Urinary and plasma catecholamines and metanephrines in dogs with pheochromocytoma, hypercortisolism, nonadrenal disease and in healthy dogs. <i>Journal of Veterinary Internal Medicine</i> , <b>2015</b> , 29, 597-602	3.1	36
96	Thoracic computed tomography, angiographic computed tomography, and pathology findings in six cats experimentally infected with <i>Aelurostrongylus abstrusus</i> . <i>Veterinary Radiology and Ultrasound</i> , <b>2013</b> , 54, 459-69	1.2	36
95	Controlled feeding experiments with diets of different abrasiveness reveal slow development of mesowear signal in goats (). <i>Journal of Experimental Biology</i> , <b>2018</b> , 221,	3	28
94	Haptoglobin administration into the subarachnoid space prevents hemoglobin-induced cerebral vasospasm. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 5219-5235	15.9	27
93	A complementary radiographic projection of the equine temporomandibular joint. <i>Veterinary Radiology and Ultrasound</i> , <b>2009</b> , 50, 385-91	1.2	23
92	Mesowear represents a lifetime signal in sheep ( <i>Ovis aries</i> ) within a long-term feeding experiment. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2020</b> , 553, 109793	2.9	21
91	The Advanced Locking Plate System (ALPS): a retrospective evaluation in 71 small animal patients. <i>Veterinary Surgery</i> , <b>2014</b> , 43, 127-35	1.7	20
90	Magnetic resonance imaging features of sinonasal disorders in horses. <i>Veterinary Radiology and Ultrasound</i> , <b>2013</b> , 54, 54-60	1.2	19
89	Effects of body position and extension of the neck and extremities on lung volume measured via computed tomography in red-eared slider turtles ( <i>Trachemys scripta elegans</i> ). <i>Journal of the American Veterinary Medical Association</i> , <b>2013</b> , 243, 1190-6	1	19
88	Endoscopic ultrasound instrumentation, applications in humans, and potential veterinary applications. <i>Veterinary Radiology and Ultrasound</i> , <b>2003</b> , 44, 665-80	1.2	19
87	Extranodal B-cell lymphoma in the urinary bladder with cytological evidence of concurrent involvement of the gall bladder in a cat. <i>Journal of Small Animal Practice</i> , <b>2010</b> , 51, 280-7	1.6	18

86	The rumen washes off abrasives before heavy-duty chewing in ruminants. <i>Mammalian Biology</i> , <b>2019</b> , 97, 104-111	1.6	17
85	Magnetic resonance imaging anatomy of the rabbit brain at 3T. <i>Acta Veterinaria Scandinavica</i> , <b>2015</b> , 57, 47	2	17
84	Ultrasound-guided retrieval of plant awns. <i>Veterinary Radiology and Ultrasound</i> , <b>2008</b> , 49, 484-6	1.2	17
83	In vivo proton magnetic resonance spectroscopy for the evaluation of hepatic encephalopathy in dogs. <i>American Journal of Veterinary Research</i> , <b>2014</b> , 75, 818-27	1.1	16
82	Effect of contrast medium injection duration on peak enhancement and time to peak enhancement of canine pulmonary arteries. <i>Veterinary Radiology and Ultrasound</i> , <b>2011</b> , 52, 605-10	1.2	16
81	Endoscopic ultrasonography for the diagnosis of intrathoracic lesions in two dogs. <i>Veterinary Radiology and Ultrasound</i> , <b>2003</b> , 44, 292-9	1.2	16
80	Locking Compression Plate Fixation of Equine Tarsal Subluxations. <i>Veterinary Surgery</i> , <b>2015</b> , 44, 949-56	1.7	15
79	Transarticular fixation with cortical screws combined with dorsal laminectomy and partial discectomy as surgical treatment of degenerative lumbosacral stenosis in 17 dogs: clinical and computed tomography follow-up. <i>Veterinary Surgery</i> , <b>2014</b> , 43, 405-13	1.7	15
78	Influence of food composition on splanchnic blood flow during digestion in unsedated normal dogs: a Doppler study. <i>Veterinary Journal</i> , <b>2003</b> , 166, 265-72	2.5	14
77	Comparison of ultrasonography and histologic examination for identification of ocular diseases of animals: 113 cases (2000-2010). <i>Journal of the American Veterinary Medical Association</i> , <b>2013</b> , 243, 376-88 <sup>1</sup>		13
76	Congenital hypothyroidism in a kitten resulting in decreased IGF-I concentration and abnormal liver function tests. <i>Journal of Feline Medicine and Surgery</i> , <b>2010</b> , 12, 487-90	2.3	13
75	Scintigraphic and radiographic appearance of the sacroiliac region in horses with gait abnormalities or poor performance. <i>Veterinary Radiology and Ultrasound</i> , <b>2009</b> , 50, 208-14	1.2	13
74	Radiographic technique and anatomy of the equine sacroiliac region. <i>Veterinary Radiology and Ultrasound</i> , <b>2007</b> , 48, 501-6	1.2	13
73	Do dGEMRIC and T2 Imaging Correlate With Histologic Cartilage Degeneration in an Experimental Ovine FAI Model?. <i>Clinical Orthopaedics and Related Research</i> , <b>2019</b> , 477, 990-1003	2.2	12
72	Computed tomography of the thorax in rabbits: a prospective study in ten clinically healthy New Zealand White rabbits. <i>Acta Veterinaria Scandinavica</i> , <b>2017</b> , 59, 72	2	12
71	Feasibility and safety of endoscopic ultrasound-guided fine needle aspiration of the pancreas in dogs. <i>Journal of Veterinary Internal Medicine</i> , <b>2012</b> , 26, 513-7	3.1	12
70	Root growth compensates for molar wear in adult goats ( <i>Capra aegagrus hircus</i> ). <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , <b>2019</b> , 331, 139-148	1.9	12
69	Multiple myeloma in a dog with multiple concurrent infectious diseases and persistent polyclonal gammopathy. <i>Veterinary Clinical Pathology</i> , <b>2013</b> , 42, 47-54	1	11

68	Magnetic resonance imaging features of a benign peripheral nerve sheath tumour with ancient changes in the tongue of a horse. <i>Equine Veterinary Education</i> , <b>2010</b> , 22, 346-351	0.6	11
67	Magnetic resonance imaging anatomy of the normal equine larynx and pharynx. <i>Veterinary Radiology and Ultrasound</i> , <b>2009</b> , 50, 392-7	1.2	11
66	Regional metabolite concentrations in the brain of healthy dogs measured by use of short echo time, single voxel proton magnetic resonance spectroscopy at 3.0 Tesla. <i>American Journal of Veterinary Research</i> , <b>2015</b> , 76, 129-41	1.1	10
65	The effect of the rumen washing mechanism in sheep differs with concentration and size of abrasive particles. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2020</b> , 550, 109728	2.9	10
64	Measuring Rabbit ( <i>Oryctolagus cuniculus</i> ) Tooth Growth and Eruption by Fluorescence Markers and Bur Marks. <i>Journal of Veterinary Dentistry</i> , <b>2016</b> , 33, 39-46	1	10
63	The use of computed tomography in the diagnosis of pelvic fractures involving the acetabulum in two fillies. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , <b>2011</b> , 24, 68-71	1.2	10
62	Doppler Ultrasonographic Evaluation of Gastrointestinal Hemodynamics in Food Hypersensitivities: A Canine Model. <i>Journal of Veterinary Internal Medicine</i> , <b>2004</b> , 18, 605-611	3.1	10
61	Radiographic Measurement of Hindlimb Digit Length in Standing Heifers. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , <b>2016</b> , 45, 463-468	1.1	9
60	Peripheral nerve sheath tumor in a subadult golden eagle ( <i>Aquila chrysaetos</i> ). <i>Journal of Avian Medicine and Surgery</i> , <b>2014</b> , 28, 57-63		9
59	Spontaneous regression of lumbar Hansen type 1 disk extrusion detected with magnetic resonance imaging in a dog. <i>Journal of the American Veterinary Medical Association</i> , <b>2014</b> , 244, 715-8	1	9
58	Comparison between magnetic resonance imaging, computed tomography, and arthrography to identify artificially induced cartilage defects of the equine carpal joints. <i>Veterinary Radiology and Ultrasound</i> , <b>2018</b> , 59, 312-325	1.2	8
57	Effects of isoflurane, sevoflurane, propofol and alfaxalone on brain metabolism in dogs assessed by proton magnetic resonance spectroscopy (H MRS). <i>BMC Veterinary Research</i> , <b>2018</b> , 14, 69	2.7	8
56	COMPUTED TOMOGRAPHIC ANATOMY AND CHARACTERISTICS OF RESPIRATORY ASPERGILLOSIS IN JUVENILE WHOOPING CRANES. <i>Veterinary Radiology and Ultrasound</i> , <b>2016</b> , 57, 16-23	1.2	8
55	3 tesla magnetic resonance imaging of the occipitoatlantoaxial region in the normal horse. <i>Veterinary Radiology and Ultrasound</i> , <b>2014</b> , 55, 278-85	1.2	8
54	Endoscopic ultrasound of the canine abdomen. <i>Veterinary Radiology and Ultrasound</i> , <b>2007</b> , 48, 338-49	1.2	8
53	Intracranial haemorrhage in an eight-week-old puppy. <i>Veterinary Record</i> , <b>2004</b> , 154, 338-9	0.9	8
52	Screw Loosening and Pelvic Canal Narrowing After Lateral Plating of Feline Iliac Fractures With Locking and Nonlocking Plates. <i>Veterinary Surgery</i> , <b>2015</b> , 44, 900-4	1.7	7
51	Two-dimensional grayscale ultrasound and spectral Doppler waveform evaluation of dogs with chronic enteropathies. <i>Topics in Companion Animal Medicine</i> , <b>2007</b> , 22, 122-7		7

50	Imaging diagnosis: the abdominal air-vasculogram in a dog with splenic torsion and clostridial infection. <i>Veterinary Radiology and Ultrasound</i> , <b>2003</b> , 44, 553-5	1.2	7
49	Evaluation of intracranial neoplasia and noninfectious meningoencephalitis in dogs by use of short echo time, single voxel proton magnetic resonance spectroscopy at 3.0 Tesla. <i>American Journal of Veterinary Research</i> , <b>2016</b> , 77, 452-62	1.1	7
48	A newly designed radiation therapy protocol in combination with prednisolone as treatment for meningoencephalitis of unknown origin in dogs: a prospective pilot study introducing magnetic resonance spectroscopy as monitor tool. <i>Acta Veterinaria Scandinavica</i> , <b>2015</b> , 57, 4	2	6
47	Gadolinium deposition in the brain of dogs after multiple intravenous administrations of linear gadolinium based contrast agents. <i>PLoS ONE</i> , <b>2020</b> , 15, e0227649	3.7	6
46	COMPARISON BETWEEN PROTON MAGNETIC RESONANCE SPECTROSCOPY FINDINGS IN DOGS WITH TICK-BORNE ENCEPHALITIS AND CLINICALLY NORMAL DOGS. <i>Veterinary Radiology and Ultrasound</i> , <b>2017</b> , 58, 53-61	1.2	6
45	Imaging diagnosis--Conventional and functional magnetic resonance imaging of a brain abscess in a goat. <i>Veterinary Radiology and Ultrasound</i> , <b>2014</b> , 55, 68-73	1.2	6
44	Pattern recognition and feature extraction of canine celiac and cranial mesenteric arterial waveforms: normal versus chronic enteropathy--a pilot study. <i>Veterinary Journal</i> , <b>2005</b> , 169, 242-50	2.5	6
43	Perfusion- and diffusion-weighted magnetic resonance imaging of the liver of healthy dogs. <i>American Journal of Veterinary Research</i> , <b>2016</b> , 77, 463-70	1.1	5
42	Use of a 3-Telsa magnet to perform delayed gadolinium-enhanced magnetic resonance imaging of the distal interphalangeal joint of horses with and without naturally occurring osteoarthritis. <i>American Journal of Veterinary Research</i> , <b>2018</b> , 79, 287-298	1.1	5
41	Comparison of left and right ventricular stroke volume of dogs calculated on the basis of morphology and blood flow determined by use of cardiac magnetic resonance imaging. <i>American Journal of Veterinary Research</i> , <b>2017</b> , 78, 1163-1170	1.1	4
40	Femoral osteochondroplasty can be performed effectively without the risk of avascular necrosis or femoral neck fractures in an experimental ovine FAI model. <i>Osteoarthritis and Cartilage</i> , <b>2018</b> , 26, 128-137	6.2	4
39	Effects of contrast medium injection technique on attenuation values of adrenal glands in healthy dogs during contrast-enhanced computed tomography. <i>American Journal of Veterinary Research</i> , <b>2016</b> , 77, 144-50	1.1	4
38	3.0 Tesla magnetic resonance imaging anatomy of the central nervous system, eye, and inner ear in birds of prey. <i>Veterinary Radiology and Ultrasound</i> , <b>2018</b> , 59, 705-714	1.2	4
37	Effect of ventilation technique and airway diameter on bronchial lumen to pulmonary artery diameter ratios in clinically normal beagle dogs. <i>Veterinary Radiology and Ultrasound</i> , <b>2013</b> , 54, 605-9	1.2	4
36	Endoscopic ultrasonographic evaluation of the esophagus in healthy dogs. <i>American Journal of Veterinary Research</i> , <b>2013</b> , 74, 1005-9	1.1	4
35	Collateral ligament prosthesis for the repair of subluxation of the metatarsophalangeal joint in a jersey cow. <i>Veterinary Record</i> , <b>2000</b> , 146, 640-3	0.9	4
34	Diagnosestellung bei einem Fohlen mit zerebellärer Abiotrophie mittels Magnetresonanztomographie (MRT). <i>Pferdeheilkunde</i> , <b>2010</b> , 26, 559-662	1.8	4
33	Computed tomographic versus radiographic assessment of the visibility and features of subchondral cystic lesions in equine limbs. <i>Pferdeheilkunde</i> , <b>2017</b> , 33, 256-262	1.8	4

32	MRI findings in a case of canine tick born meningoencephalomyelitis. <i>Schweizer Archiv Fur Tierheilkunde</i> , <b>2014</b> , 156, 395-9	1.1	4
31	Tooth wear, growth and height in rabbits ( <i>Oryctolagus cuniculus</i> ) fed pelleted or extruded diets with or without added abrasives. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2021</b> ,	2.6	4
30	Salter-Harris type II metacarpal and metatarsal fracture in three foals. Treatment by minimally-invasive lag screw osteosynthesis combined with external coaptation. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , <b>2016</b> , 29, 239-45	1.2	4
29	Evaluation of a novel, patient-mounted system for CT-guided needle navigation-an ex vivo study. <i>Neuroradiology</i> , <b>2019</b> , 61, 55-61	3.2	4
28	Perfusion-weighted and diffusion-weighted magnetic resonance imaging of the liver, spleen, and kidneys of healthy adult male cats. <i>American Journal of Veterinary Research</i> , <b>2019</b> , 80, 159-167	1.1	3
27	Ulnar osteotomy for treatment of cubital subluxation, following locking compression plate osteosynthesis of a radius fracture in a foal. <i>Equine Veterinary Education</i> , <b>2011</b> , 23, 455-461	0.6	3
26	Prevalence of humeral head osteochondrosis in the Greater Swiss Mountain dog and the Border Collie in Switzerland. <i>Schweizer Archiv Fur Tierheilkunde</i> , <b>2016</b> , 158, 749-754	1.1	3
25	Whole-heart 4D flow cardiac magnetic resonance in healthy dogs. <i>Schweizer Archiv Fur Tierheilkunde</i> , <b>2018</b> , 160, 295-303	1.1	3
24	Macrowear effects of external quartz abrasives of different size and concentration in rabbits ( <i>Oryctolagus cuniculus</i> ). <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , <b>2021</b> ,	1.8	3
23	Does real-time elastography aid in differentiating canine splenic nodules?. <i>Schweizer Archiv Fur Tierheilkunde</i> , <b>2013</b> , 155, 491-6	1.1	3
22	THREE TESLA MAGNETIC RESONANCE IMAGING FINDINGS IN 12 CASES OF CANINE CENTRAL EUROPEAN TICK-BORNE MENINGOENCEPHALOMYELITIS. <i>Veterinary Radiology and Ultrasound</i> , <b>2016</b> , 57, 41-8	1.2	3
21	MRI-guided, transrectal, intraprostatic steam application as potential focal therapeutic modality for prostatic diseases in a large animal translational model: A feasibility follow-up study. <i>PLoS ONE</i> , <b>2019</b> , 14, e0226764	3.7	3
20	Comparison of Clinical and Pathological Diagnoses in Cats and Dogs. <i>Journal of Comparative Pathology</i> , <b>2017</b> , 156, 217-234	1	2
19	3 Tesla magnetic resonance imaging study of the normal canine femoral and sciatic nerves. <i>Veterinary Radiology and Ultrasound</i> , <b>2017</b> , 58, 598-606	1.2	2
18	Diffusion-weighted and perfusion-weighted magnetic resonance imaging of the prostate gland of healthy adult dogs. <i>American Journal of Veterinary Research</i> , <b>2019</b> , 80, 832-839	1.1	2
17	Evaluation of L7-S1 nerve root pathology with low-field MRI in dogs with lumbosacral foraminal stenosis. <i>Veterinary Surgery</i> , <b>2020</b> , 49, 947-957	1.7	2
16	Osteomyelitis of the hyoid bones in two calves. <i>Acta Veterinaria Scandinavica</i> , <b>2015</b> , 57, 52	2	2
15	Angle of insertion and confirmation of angles measured after in vitro implantation during laminar vertebral stabilization in vertebral columns obtained from canine cadavers. <i>American Journal of Veterinary Research</i> , <b>2011</b> , 72, 1674-80	1.1	2

14	Congenital unilateral facial nerve paralysis in a Warmblood filly. <i>Equine Veterinary Education</i> , <b>2019</b> , 31, 80-87	0.6	2
13	Non-invasive quantification of hepatic fat content in healthy dogs by using proton magnetic resonance spectroscopy and dual gradient echo magnetic resonance imaging. <i>Journal of Veterinary Science</i> , <b>2018</b> , 19, 570-576	1.6	2
12	Evaluation of agreement and correlation of results obtained with MRI-based and macroscopic observation-based grading schemes when used to assess intervertebral disk degeneration in cats. <i>American Journal of Veterinary Research</i> , <b>2020</b> , 81, 309-316	1.1	1
11	Evaluation of the changes in hepatic apparent diffusion coefficient and hepatic fat fraction in healthy cats during body weight gain. <i>American Journal of Veterinary Research</i> , <b>2020</b> , 81, 796-803	1.1	1
10	Preliminary evidence for a forestomach washing mechanism in llamas (L.). <i>Mammalian Biology</i> , <b>2021</b> , 101, 941-948	1.6	1
9	Comparison of hock- and footpad-injection as a prostate adenocarcinoma model in rats. <i>BMC Veterinary Research</i> , <b>2018</b> , 14, 327	2.7	1
8	Assessment of Myocardial Perfusion at Rest and During Stress Using Dynamic First-Pass Contrast-Enhanced Magnetic Resonance Imaging in Healthy Dogs. <i>Frontiers in Veterinary Science</i> , <b>2018</b> , 5, 211	3.1	1
7	Doppler ultrasonographic evaluation of gastrointestinal hemodynamics in food hypersensitivities: a canine model. <i>Journal of Veterinary Internal Medicine</i> , <b>2004</b> , 18, 605-11	3.1	1
6	Sand accumulation in the digestive tract of rabbits ( <i>Oryctolagus cuniculus</i> ) and guinea pigs ( <i>Cavia porcellus</i> ): The role of the appendix. <i>Journal of Morphology</i> , <b>2022</b> , 283, 5-15	1.6	0
5	Influence of injection protocol and measurement technique on computed tomographic assessment of glomerular filtration rate in healthy Beagles. <i>American Journal of Veterinary Research</i> , <b>2018</b> , 79, 1298-1305	1.1	0
4	Cardiac-gated, phase contrast magnetic resonance angiography is a reliable and reproducible technique for quantifying blood flow in canine major cranial abdominal vessels. <i>Veterinary Radiology and Ultrasound</i> , <b>2018</b> , 59, 423-431	1.2	
3	Repair of a canine patellar ligament rupture using the ComPact UniLock 2.4/3.0 mm System. <i>Schweizer Archiv Fur Tierheilkunde</i> , <b>2013</b> , 155, 505-9	1.1	
2	Hypoattenuating periportal halo on CT in a patient population can occur in presence of a variety of diseases.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0260436	3.7	
1	Sample strategies for quantification of hepatic fat fraction mean MRI in healthy cats during body weight gain. <i>PLoS ONE</i> , <b>2020</b> , 15, e0241905	3.7	