

Patrick R Kircher

List of Publications by Year in Descending Order

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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.

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	Hypoattenuating periportal halo on CT in a patient population can occur in presence of a variety of diseases.. <i>PLoS ONE</i> , 2022 , 17, e0260436	3.7	
102	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> , 2022 , 283, 5-15	1.6	0
101	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> , 2021 ,	1.8	3
100	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> , 2021 ,	2.6	4
99	Preliminary evidence for a forestomach washing mechanism in llamas (<i>Lama glama</i>).. <i>Mammalian Biology</i> , 2021 , 101, 941-948	1.6	1
98	Mesowear represents a lifetime signal in sheep (<i>Ovis aries</i>) within a long-term feeding experiment. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 553, 109793	2.9	21
97	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> , 2020 , 81, 309-316	1.1	1
96	Gadolinium deposition in the brain of dogs after multiple intravenous administrations of linear gadolinium based contrast agents. <i>PLoS ONE</i> , 2020 , 15, e0227649	3.7	6
95	Evaluation of L7-S1 nerve root pathology with low-field MRI in dogs with lumbosacral foraminal stenosis. <i>Veterinary Surgery</i> , 2020 , 49, 947-957	1.7	2
94	The effect of the rumen washing mechanism in sheep differs with concentration and size of abrasive particles. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 550, 109728	2.9	10
93	Sample strategies for quantification of hepatic fat fraction mean MRI in healthy cats during body weight gain. <i>PLoS ONE</i> , 2020 , 15, e0241905	3.7	
92	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> , 2020 , 81, 796-803	1.1	1
91	Diffusion-weighted and perfusion-weighted magnetic resonance imaging of the prostate gland of healthy adult dogs. <i>American Journal of Veterinary Research</i> , 2019 , 80, 832-839	1.1	2
90	The rumen washes off abrasives before heavy-duty chewing in ruminants. <i>Mammalian Biology</i> , 2019 , 97, 104-111	1.6	17
89	Do dGEMRIC and T2 Imaging Correlate With Histologic Cartilage Degeneration in an Experimental Ovine FAI Model?. <i>Clinical Orthopaedics and Related Research</i> , 2019 , 477, 990-1003	2.2	12
88	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> , 2019 , 80, 159-167	1.1	3
87	Haptoglobin administration into the subarachnoid space prevents hemoglobin-induced cerebral vasospasm. <i>Journal of Clinical Investigation</i> , 2019 , 129, 5219-5235	15.9	27

86	MRI-guided, transrectal, intraprostatic steam application as potential focal therapeutic modality for prostatic diseases in a large animal translational model: AI feasibility follow-up study. <i>PLoS ONE</i> , 2019 , 14, e0226764	3.7	3
85	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> , 2019 , 331, 139-148	1.9	12
84	Evaluation of a novel, patient-mounted system for CT-guided needle navigation-an ex vivo study. <i>Neuroradiology</i> , 2019 , 61, 55-61	3.2	4
83	Congenital unilateral facial nerve paralysis in a Warmblood filly. <i>Equine Veterinary Education</i> , 2019 , 31, 80-87	0.6	2
82	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> , 2018 , 59, 312-325	1.2	8
81	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> , 2018 , 59, 423-431	1.2	
80	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> , 2018 , 14, 69	2.7	8
79	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> , 2018 , 26, 128-137	6.2	4
78	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> , 2018 , 59, 705-714	1.2	4
77	Whole-heart 4D flow cardiac magnetic resonance in healthy dogs. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2018 , 160, 295-303	1.1	3
76	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> , 2018 , 79, 1298-1305	1.1	0
75	Comparison of hock- and footpad-injection as a prostate adenocarcinoma model in rats. <i>BMC Veterinary Research</i> , 2018 , 14, 327	2.7	1
74	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> , 2018 , 5, 211	3.1	1
73	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> , 2018 , 19, 570-576	1.6	2
72	Controlled feeding experiments with diets of different abrasiveness reveal slow development of mesowear signal in goats (). <i>Journal of Experimental Biology</i> , 2018 , 221,	3	28
71	Use of a 3-Tesla 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> , 2018 , 79, 287-298	1.1	5
70	Comparison of Clinical and Pathological Diagnoses in Cats and Dogs. <i>Journal of Comparative Pathology</i> , 2017 , 156, 217-234	1	2
69	3 Tesla magnetic resonance imaging study of the normal canine femoral and sciatic nerves. <i>Veterinary Radiology and Ultrasound</i> , 2017 , 58, 598-606	1.2	2

68	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> , 2017 , 78, 1163-1170	1.1	4
67	Computed tomography of the thorax in rabbits: a prospective study in ten clinically healthy New Zealand White rabbits. <i>Acta Veterinaria Scandinavica</i> , 2017 , 59, 72	2	12
66	COMPARISON BETWEEN PROTON MAGNETIC RESONANCE SPECTROSCOPY FINDINGS IN DOGS WITH TICK-BORNE ENCEPHALITIS AND CLINICALLY NORMAL DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2017 , 58, 53-61	1.2	6
65	Computed tomographic versus radiographic assessment of the visibility and features of subchondral cystic lesions in equine limbs. <i>Pferdeheilkunde</i> , 2017 , 33, 256-262	1.8	4
64	COMPUTED TOMOGRAPHIC ANATOMY AND CHARACTERISTICS OF RESPIRATORY ASPERGILLOSIS IN JUVENILE WHOOPING CRANES. <i>Veterinary Radiology and Ultrasound</i> , 2016 , 57, 16-23	1.2	8
63	Measuring Rabbit (<i>Oryctolagus cuniculus</i>) Tooth Growth and Eruption by Fluorescence Markers and Bur Marks. <i>Journal of Veterinary Dentistry</i> , 2016 , 33, 39-46	1	10
62	Radiographic Measurement of Hindlimb Digit Length in Standing Heifers. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2016 , 45, 463-468	1.1	9
61	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> , 2016 , 77, 144-50	1.1	4
60	Prevalence of humeral head osteochondrosis in the Greater Swiss Mountain dog and the Border Collie in Switzerland. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2016 , 158, 749-754	1.1	3
59	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> , 2016 , 29, 239-45	1.2	4
58	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> , 2016 , 77, 452-62	1.1	7
57	Perfusion- and diffusion-weighted magnetic resonance imaging of the liver of healthy dogs. <i>American Journal of Veterinary Research</i> , 2016 , 77, 463-70	1.1	5
56	THREE TESLA MAGNETIC RESONANCE IMAGING FINDINGS IN 12 CASES OF CANINE CENTRAL EUROPEAN TICK-BORNE MENINGOENCEPHALOMYELITIS. <i>Veterinary Radiology and Ultrasound</i> , 2016 , 57, 41-8	1.2	3
55	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> , 2015 , 57, 4	2	6
54	Urinary and plasma catecholamines and metanephrines in dogs with pheochromocytoma, hypercortisolism, nonadrenal disease and in healthy dogs. <i>Journal of Veterinary Internal Medicine</i> , 2015 , 29, 597-602	3.1	36
53	Magnetic resonance imaging anatomy of the rabbit brain at 3T. <i>Acta Veterinaria Scandinavica</i> , 2015 , 57, 47	2	17
52	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> , 2015 , 76, 129-41	1.1	10
51	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> , 2015 , 99, 591-604	2.6	44

50	Osteomyelitis of the hyoid bones in two calves. <i>Acta Veterinaria Scandinavica</i> , 2015 , 57, 52	2	2
49	Locking Compression Plate Fixation of Equine Tarsal Subluxations. <i>Veterinary Surgery</i> , 2015 , 44, 949-56	1.7	15
48	Screw Loosening and Pelvic Canal Narrowing After Lateral Plating of Feline Iliac Fractures With Locking and Nonlocking Plates. <i>Veterinary Surgery</i> , 2015 , 44, 900-4	1.7	7
47	In vivo proton magnetic resonance spectroscopy for the evaluation of hepatic encephalopathy in dogs. <i>American Journal of Veterinary Research</i> , 2014 , 75, 818-27	1.1	16
46	Peripheral nerve sheath tumor in a subadult golden eagle (<i>Aquila chrysaetos</i>). <i>Journal of Avian Medicine and Surgery</i> , 2014 , 28, 57-63		9
45	The Advanced Locking Plate System (ALPS): a retrospective evaluation in 71 small animal patients. <i>Veterinary Surgery</i> , 2014 , 43, 127-35	1.7	20
44	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> , 2014 , 321, 283-98		70
43	3 tesla magnetic resonance imaging of the occipitoatlantoaxial region in the normal horse. <i>Veterinary Radiology and Ultrasound</i> , 2014 , 55, 278-85	1.2	8
42	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> , 2014 , 244, 715-8	1	9
41	Imaging diagnosis--Conventional and functional magnetic resonance imaging of a brain abscess in a goat. <i>Veterinary Radiology and Ultrasound</i> , 2014 , 55, 68-73	1.2	6
40	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> , 2014 , 43, 405-13	1.7	15
39	MRI findings in a case of canine tick born meningoencephalomyelitis. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2014 , 156, 395-9	1.1	4
38	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> , 2013 , 54, 459-69	1.2	36
37	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> , 2013 , 243, 376-88		13
36	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> , 2013 , 54, 605-9	1.2	4
35	Magnetic resonance imaging features of sinonasal disorders in horses. <i>Veterinary Radiology and Ultrasound</i> , 2013 , 54, 54-60	1.2	19
34	Endoscopic ultrasonographic evaluation of the esophagus in healthy dogs. <i>American Journal of Veterinary Research</i> , 2013 , 74, 1005-9	1.1	4
33	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> , 2013 , 243, 1190-6	1	19

32	Multiple myeloma in a dog with multiple concurrent infectious diseases and persistent polyclonal gammopathy. <i>Veterinary Clinical Pathology</i> , 2013 , 42, 47-54	1	11
31	Repair of a canine patellar ligament rupture using the ComPact UniLock 2.4/3.0 mm System. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2013 , 155, 505-9	1.1	
30	Does real-time elastography aid in differentiating canine splenic nodules?. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2013 , 155, 491-6	1.1	3
29	Feasibility and safety of endoscopic ultrasound-guided fine needle aspiration of the pancreas in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2012 , 26, 513-7	3.1	12
28	Ulnar osteotomy for treatment of cubital subluxation, following locking compression plate osteosynthesis of a radius fracture in a foal. <i>Equine Veterinary Education</i> , 2011 , 23, 455-461	0.6	3
27	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> , 2011 , 24, 68-71	1.2	10
26	Effect of contrast medium injection duration on peak enhancement and time to peak enhancement of canine pulmonary arteries. <i>Veterinary Radiology and Ultrasound</i> , 2011 , 52, 605-10	1.2	16
25	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> , 2011 , 72, 1674-80	1.1	2
24	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> , 2010 , 51, 280-7	1.6	18
23	Magnetic resonance imaging features of a benign peripheral nerve sheath tumour with Bncient changes in the tongue of a horse. <i>Equine Veterinary Education</i> , 2010 , 22, 346-351	0.6	11
22	Congenital hypothyroidism in a kitten resulting in decreased IGF-I concentration and abnormal liver function tests. <i>Journal of Feline Medicine and Surgery</i> , 2010 , 12, 487-90	2.3	13
21	Diagnosestellung bei einem Fohlen mit zerebellärer Abiotrophie mittels Magnetresonanztomographie (MRT). <i>Pferdeheilkunde</i> , 2010 , 26, 559-662	1.8	4
20	Scintigraphic and radiographic appearance of the sacroiliac region in horses with gait abnormalities or poor performance. <i>Veterinary Radiology and Ultrasound</i> , 2009 , 50, 208-14	1.2	13
19	A complementary radiographic projection of the equine temporomandibular joint. <i>Veterinary Radiology and Ultrasound</i> , 2009 , 50, 385-91	1.2	23
18	Magnetic resonance imaging anatomy of the normal equine larynx and pharynx. <i>Veterinary Radiology and Ultrasound</i> , 2009 , 50, 392-7	1.2	11
17	A missense mutation in the SERPINH1 gene in Dachshunds with osteogenesis imperfecta. <i>PLoS Genetics</i> , 2009 , 5, e1000579	6	102
16	Comparison of ultrasonographic findings with clinical activity index (CIBDAI) and diagnosis in dogs with chronic enteropathies. <i>Veterinary Radiology and Ultrasound</i> , 2008 , 49, 56-64	1.2	46
15	Ultrasound-guided retrieval of plant awns. <i>Veterinary Radiology and Ultrasound</i> , 2008 , 49, 484-6	1.2	17

14	Two-dimensional grayscale ultrasound and spectral Doppler waveform evaluation of dogs with chronic enteropathies. <i>Topics in Companion Animal Medicine</i> , 2007 , 22, 122-7		7
13	Endoscopic ultrasound of the canine abdomen. <i>Veterinary Radiology and Ultrasound</i> , 2007 , 48, 338-49	1.2	8
12	Radiographic technique and anatomy of the equine sacroiliac region. <i>Veterinary Radiology and Ultrasound</i> , 2007 , 48, 501-6	1.2	13
11	Low-field Mri and arthroscopy of meniscal lesions in ten dogs with experimentally induced cranial cruciate ligament insufficiency. <i>Veterinary Radiology and Ultrasound</i> , 2006 , 47, 515-22	1.2	41
10	Pattern recognition and feature extraction of canine celiac and cranial mesenteric arterial waveforms: normal versus chronic enteropathy--a pilot study. <i>Veterinary Journal</i> , 2005 , 169, 242-50	2.5	6
9	Intracranial haemorrhage in an eight-week-old puppy. <i>Veterinary Record</i> , 2004 , 154, 338-9	0.9	8
8	Doppler Ultrasonographic Evaluation of Gastrointestinal Hemodynamics in Food Hypersensitivities: A Canine Model. <i>Journal of Veterinary Internal Medicine</i> , 2004 , 18, 605-611	3.1	10
7	Doppler ultrasonographic evaluation of gastrointestinal hemodynamics in food hypersensitivities: a canine model. <i>Journal of Veterinary Internal Medicine</i> , 2004 , 18, 605-11	3.1	1
6	Influence of food composition on splanchnic blood flow during digestion in unsedated normal dogs: a Doppler study. <i>Veterinary Journal</i> , 2003 , 166, 265-72	2.5	14
5	Endoscopic ultrasonography for the diagnosis of intrathoracic lesions in two dogs. <i>Veterinary Radiology and Ultrasound</i> , 2003 , 44, 292-9	1.2	16
4	Imaging diagnosis: the abdominal air-vasculogram in a dog with splenic torsion and clostridial infection. <i>Veterinary Radiology and Ultrasound</i> , 2003 , 44, 553-5	1.2	7
3	Endoscopic ultrasound instrumentation, applications in humans, and potential veterinary applications. <i>Veterinary Radiology and Ultrasound</i> , 2003 , 44, 665-80	1.2	19
2	Weanling piglet cerebellum: a surrogate for tolerance to MRT (microbeam radiation therapy) in pediatric neuro-oncology 2001 ,		101
1	Collateral ligament prosthesis for the repair of subluxation of the metatarsophalangeal joint in a jersey cow. <i>Veterinary Record</i> , 2000 , 146, 640-3	0.9	4