

Kazutaka Yamada

List of Publications by Year in descending order

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115
papers

920
citations

566801

15
h-index

642321

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115
all docs

115
docs citations

115
times ranked

995
citing authors

#	ARTICLE	IF	CITATIONS
1	DYNAMIC COMPUTED TOMOGRAPHY OF THE PANCREAS IN NORMAL DOGS AND IN A DOG WITH PANCREATIC INSULINOMA. <i>Veterinary Radiology and Ultrasound</i> , 2007, 48, 328-331.	0.4	55
2	Effects of bilayer gelatin/ β -tricalcium phosphate sponges loaded with mesenchymal stem cells, chondrocytes, bone morphogenetic protein-2, and platelet rich plasma on osteochondral defects of the talus in horses. <i>Research in Veterinary Science</i> , 2013, 95, 1210-1216.	0.9	37
3	Osteoinductivity of gelatin/ β -tricalcium phosphate sponges loaded with different concentrations of mesenchymal stem cells and bone morphogenetic protein-2 in an equine bone defect model. <i>Veterinary Research Communications</i> , 2014, 38, 73-80.	0.6	35
4	Comparison of allogeneic platelet lysate and fetal bovine serum for in vitro expansion of equine bone marrow-derived mesenchymal stem cells. <i>Research in Veterinary Science</i> , 2013, 95, 693-698.	0.9	32
5	In Vivo SPECT Imaging of Amyloid- β Deposition with Radioiodinated Imidazo[1,2- <i>a</i>]Pyridine Derivative DRM106 in a Mouse Model of Alzheimer's Disease. <i>Journal of Nuclear Medicine</i> , 2015, 56, 120-126.	2.8	32
6	VIRTUAL ENDOSCOPY OF DOGS USING MULTI-DETECTOR ROW CT. <i>Veterinary Radiology and Ultrasound</i> , 2007, 48, 318-322.	0.4	24
7	Investigation of the Short-Term Effect of Chemonucleolysis with Chondroitinase ABC.. <i>Journal of Veterinary Medical Science</i> , 2001, 63, 521-525.	0.3	22
8	Virtopsy in a Red Kangaroo with Oral Osteomyelitis. <i>Journal of Zoo and Wildlife Medicine</i> , 2011, 42, 128-130.	0.3	21
9	Liver lobe torsion in a Shih-tzu dog. <i>Journal of Small Animal Practice</i> , 2009, 50, 157-157.	0.5	20
10	Computed tomographic evaluation of gas hole formation and structural quality in Gouda type cheese. <i>International Journal of Dairy Technology</i> , 2012, 65, 232-236.	1.3	19
11	Spinal Cord Effects from Lumbar Myelographic Injection Technique in the Dog. <i>Journal of Veterinary Medical Science</i> , 2004, 66, 67-69.	0.3	18
12	Chronic Progressive Polyarthritis in a Female Cat. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 511-514.	0.3	18
13	Contrast-Enhanced MRI with Gadodiamide Injection in Rabbit Carcinoma Models.. <i>Journal of Veterinary Medical Science</i> , 1996, 58, 389-396.	0.3	17
14	Invasive Pituitary Tumors in Female F344 Rats Induced by Estradiol Dipropionate. <i>Toxicologic Pathology</i> , 1997, 25, 462-469.	0.9	17
15	Measurement of canine pancreatic perfusion using dynamic computed tomography: Influence of input/output vessels on deconvolution and maximum slope methods. <i>European Journal of Radiology</i> , 2011, 77, 175-181.	1.2	17
16	Brain Abscess in a Japanese Black Calf: Utility of Computed Tomography (CT). <i>Journal of Veterinary Medical Science</i> , 2008, 70, 727-730.	0.3	16
17	Proliferation of equine bone marrow-derived mesenchymal stem cells in gelatin/ β -tricalcium phosphate sponges. <i>Research in Veterinary Science</i> , 2012, 93, 1481-1486.	0.9	16
18	Distinct binding of amyloid imaging ligands to unique amyloid- β deposited in the presubiculum of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2015, 135, 859-866.	2.1	16

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19	Outbreak of Larval Echinococcus multilocularis Infection in Japanese Monkey (Macaca fuscata) in a Zoo, Hokkaido: Western Blotting Patterns in the Infected Monkeys. Journal of Veterinary Medical Science, 2005, 67, 133-135.	0.3	15
20	Computed tomography (CT) observation of pulmonary emboli caused by long-term administration of ivermectin in dogs experimentally infected with heartworms. Veterinary Parasitology, 2008, 155, 242-248.	0.7	15
21	Effects of a synovial flap and gelatin/β ² -tricalcium phosphate sponges loaded with mesenchymal stem cells, bone morphogenetic protein-2, and platelet rich plasma on equine osteochondral defects. Research in Veterinary Science, 2015, 101, 140-143.	0.9	15
22	EFFECT OF CONTRAST MEDIA FORMULATION ON COMPUTED TOMOGRAPHY ANGIOGRAPHIC CONTRAST ENHANCEMENT. Veterinary Radiology and Ultrasound, 2008, 49, 233-237.	0.4	14
23	Synthesis and biological evaluation of novel radioiodinated imidazopyridine derivatives for amyloid-β ² imaging in Alzheimer's disease. Bioorganic and Medicinal Chemistry, 2014, 22, 4189-4197.	1.4	14
24	OPTIMIZING TECHNICAL CONDITIONS FOR MAGNETIC RESONANCE IMAGING OF THE RAT BRAIN AND ABDOMEN IN A LOW MAGNETIC FIELD. Veterinary Radiology and Ultrasound, 1995, 36, 523-527.	0.4	13
25	Epidural Spinal Myelolipoma in a Dog. Journal of the American Animal Hospital Association, 2007, 43, 132-135.	0.5	13
26	In vivo effects of intra-articular injection of gelatin hydrogen microspheres containing basic fibroblast growth factor on experimentally induced defects in third metacarpal bones of horses. American Journal of Veterinary Research, 2008, 69, 1555-1559.	0.3	13
27	Use of Contrast-Enhanced CT in the Diagnosis of Abscesses in Cattle. Journal of Veterinary Medical Science, 2011, 73, 113-115.	0.3	13
28	Magnetic Resonance Imaging of the Central Nervous System in the Kitten.. Journal of Veterinary Medical Science, 1995, 57, 155-156.	0.3	12
29	Quantitative evaluation of cervical cord compression by computed tomographic myelography in Thoroughbred foals. Journal of Equine Science, 2016, 27, 143-148.	0.2	12
30	Diagnosis of Quinolone-induced Arthropathy in Juvenile Dogs by Use of Magnetic Resonance(MR) Imaging.. Journal of Veterinary Medical Science, 1997, 59, 597-599.	0.3	11
31	A Comparison Between Injection Speed and Iodine Delivery Rate in Contrast-Enhanced Computed Tomography (CT) for Normal Beagles. Journal of Veterinary Medical Science, 2008, 70, 1027-1030.	0.3	10
32	Quantitative Evaluation of Hip Joint Laxity in 22 Border Collies Using Computed Tomography. Journal of Veterinary Medical Science, 2009, 71, 247-250.	0.3	10
33	Autopsy imaging for aspergillosis in King Penguin, an economically valuable zoo animal. Journal of Veterinary Medical Science, 2020, 82, 373-375.	0.3	10
34	Application of Short-time Magnetic Resonance Examination for Intervertebral Disc Diseases in Dogs.. Journal of Veterinary Medical Science, 2001, 63, 51-54.	0.3	9
35	The Use of Multi-detector Row Computed Tomography (MDCT) as an Alternative to Specimen Preparation for Anatomical Instruction. Journal of Veterinary Medical Education, 2007, 34, 143-150.	0.4	9
36	Effect of Compound of Gelatin Hydrogel Microsphere Incorporated with Platelet-Rich-Plasma and Alginate on Sole Defect in Cattle. Journal of Veterinary Medical Science, 2012, 74, 1041-1044.	0.3	9

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37	Japanese monkey (<i>Macaca fuscata</i>) with alveolar echinococcosis after treatment with albendazole for 10 years: serodiagnosis and determination of albendazole metabolites. <i>Parasitology Research</i> , 2009, 106, 69-74.	0.6	8
38	Influence of osmolarity of contrast medium and saline flush on computed tomography angiography: Comparison of monomeric and dimeric iodinated contrast media with different iodine concentrations at an identical iodine delivery rate. <i>European Journal of Radiology</i> , 2010, 76, 135-139.	1.2	8
39	Biological evaluation of the radioiodinated imidazo[1,2-a]pyridine derivative DRK092 for amyloid- β imaging in mouse model of Alzheimer's disease. <i>Neuroscience Letters</i> , 2014, 581, 103-108.	1.0	8
40	Computed tomography and magnetic resonance imaging findings for the initial stage of equine temporohyoid osteoarthropathy in a Thoroughbred foal. <i>Journal of Equine Science</i> , 2017, 28, 117-121.	0.2	8
41	Bone marrow oedema-type signal in the proximal phalanx of Thoroughbred racehorses. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 593-597.	0.3	8
42	The effect of a gelatin β -tricalcium phosphate sponge loaded with mesenchymal stem cells (MSC), bone morphogenetic protein-2, and platelet-rich plasma (PRP) on equine articular cartilage defect. <i>Canadian Veterinary Journal</i> , 2013, 54, 573-80.	0.0	8
43	Comparison of Excretory Urographic Contrast Effects of Dimeric and Monomeric Non-Ionic Iodinated Contrast Media in Dogs. <i>Journal of Veterinary Medical Science</i> , 2007, 69, 713-715.	0.3	7
44	Inflammatory Reaction in the Herniated Degenerative Disc Materials in Miniature Dachshunds. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 81-84.	0.3	7
45	Effect of Biodegradable Gelatin β -Tri Calcium Phosphate Sponges Containing Mesenchymal Stem Cells and Bone Morphogenetic Protein-2 on Equine Bone Defect. <i>Journal of Equine Veterinary Science</i> , 2014, 34, 903-910.	0.4	7
46	Use of standing low-field magnetic resonance imaging to assess oblique distal sesamoidean ligament desmitis in three Thoroughbred racehorses. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 1475-1480.	0.3	7
47	Signal changes in standing magnetic resonance imaging of osseous injury at the origin of the suspensory ligament in four Thoroughbred racehorses under tiludronic acid treatment. <i>Journal of Equine Science</i> , 2017, 28, 87-97.	0.2	7
48	Significance of Imaging Features of Alveolar Echinococcosis in Studies on Nonhuman Primates. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 81, 540-544.	0.6	7
49	A Case of a Dog with Thickened Calvaria with Neurologic Symptoms: Magnetic Resonance Imaging(MRI) Findings.. <i>Journal of Veterinary Medical Science</i> , 1999, 61, 1055-1057.	0.3	6
50	BRONCHOCUTANEOUS FISTULA IN A DOG. <i>Veterinary Radiology and Ultrasound</i> , 2000, 41, 422-424.	0.4	6
51	EXTRA-ABDOMINAL CHONDROLIPOMA IN A DOG. <i>Veterinary Radiology and Ultrasound</i> , 2005, 46, 306-308.	0.4	6
52	The relationship between the size of caudolateral curvilinear osteophyte of the canine femoral neck and the radiographic view. <i>Journal of Veterinary Science</i> , 2010, 11, 89.	0.5	6
53	Effect of Gelatin Hydrogel Sheet Containing Basic Fibroblast Growth Factor on Proximal Sesamoid Bone Transverse Fracture Healing in the Horse. <i>Journal of Equine Veterinary Science</i> , 2013, 33, 210-214.	0.4	6
54	An Autoradiogram of Skeletal Muscle from a Pig Raised on a Farm within 20 km of the Fukushima Daiichi Nuclear Power Plant. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 93-94.	0.3	6

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55	Rupture of the Gastrocnemius Muscle in Neonatal Thoroughbred Foals: A Report of Three Cases. <i>Journal of Equine Science</i> , 2014, 25, 61-64.	0.2	6
56	Experimental investigation of bone mineral density in Thoroughbreds using quantitative computed tomography. <i>Journal of Equine Science</i> , 2015, 26, 81-87.	0.2	6
57	Tissue physical property of the harbor porpoise <i>Phocoena phocoena</i> for investigation of the sound emission process. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 1451-1456.	0.5	6
58	Contrast-Enhanced MRI with Gadodiamide Injection in Rat Disease Models.. <i>Journal of Veterinary Medical Science</i> , 1996, 58, 291-295.	0.3	5
59	Magnetic Resonance Imaging of Rat Head with a High-Strength(4.7T) Magnetic Field.. <i>Journal of Veterinary Medical Science</i> , 1997, 59, 303-306.	0.3	5
60	TECHNICAL PARAMETERS AFFECTING IMAGE CHARACTERISTICS IN IN VIVO MR MICROSCOPY OF THE MOUSE. <i>Veterinary Radiology and Ultrasound</i> , 2002, 43, 518-527.	0.4	5
61	Lumbosacral Myelography in Dogs-A Safer Technique. <i>Journal of Veterinary Medical Science</i> , 2004, 66, 71-72.	0.3	5
62	The Difference of Contrast Effects of Myelography in Normal Dogs: Comparison of Iohexol (180mg/ml), Iohexol (240mg/ml) and Iotrolan (240mg/ml). <i>Journal of Veterinary Medical Science</i> , 2008, 70, 659-663.	0.3	5
63	Pilot Study of Bovine Interdigital Cassetteless Computed Radiography. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 1503-1506.	0.3	5
64	Effect of Platelet-Rich Plasma-Incorporated Gelatin Hydrogel Microspheres and Subchondral Drilling on Equine Cartilage Defects. <i>Journal of Equine Veterinary Science</i> , 2014, 34, 820-824.	0.4	5
65	<i>In Vitro</i> Biomechanical Comparison of a 4.5mm Locking Compression Plate and 4.5mm Dynamic Compression Plate for Equine Proximal Interphalangeal Joint Arthrodesis. <i>Veterinary Surgery</i> , 2014, 43, 606-611.	0.5	5
66	Autopsy imaging for cardiac tamponade in a Thoroughbred foal. <i>Journal of Equine Science</i> , 2016, 27, 115-118.	0.2	5
67	Displacement of the large colon in a horse with enterolithiasis due to changed positions observed by computed tomography. <i>Journal of Equine Science</i> , 2018, 29, 9-13.	0.2	5
68	Characteristic imaging findings of the respiratory system in penguins with suspected aspergillosis in an aquarium. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 1260-1266.	0.3	5
69	Minimally invasive proximal interphalangeal joint arthrodesis using a locking compression plate and tissue engineering in horses: a pilot study. <i>Canadian Veterinary Journal</i> , 2014, 55, 1050-6.	0.0	5
70	The Contrecoup Injury in a Cat Case of Traffic Accident: MRI Findings.. <i>Journal of Veterinary Medical Science</i> , 1998, 60, 647-649.	0.3	4
71	Solitary Nonepitheliotropic T-Cell Lymphoma in a Dog. <i>Journal of Veterinary Medical Science</i> , 2004, 66, 437-439.	0.3	4
72	MDCT Images of the Head of a Horse with Malignant Melanoma. <i>Journal of Equine Science</i> , 2007, 18, 55-58.	0.2	4

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73	Analysis of Blood Flow in a Third Ventricular Ependymoma and an Olfactory Bulb Meningioma by using Perfusion Computed Tomography. <i>Journal of Veterinary Medical Science</i> , 2008, 70, 981-983.	0.3	4
74	Purulent Necrotic Dislocation of the Hip Joint Associated with Umbilical Infection in a Foal. <i>Journal of Equine Science</i> , 2010, 21, 17-20.	0.2	4
75	IMAGING DIAGNOSIS OF HYDROCEPHALUS IN A CALF. <i>Veterinary Radiology and Ultrasound</i> , 2009, 50, 301-303.	0.4	3
76	Mobility of the forearm in the raccoon (<i>Procyon lotor</i>), raccoon dog (<i>Nyctereutes procyonoides</i>) and red panda (<i>Ailurus fulgens</i>). <i>Journal of Veterinary Medical Science</i> , 2017, 79, 224-229.	0.3	3
77	Combination of procedure for ultra rapid extraction (PURE) and loop-mediated isothermal amplification (LAMP) for rapid detection of <i>Mycoplasma bovis</i> in milk. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 875-880.	0.3	3
78	Diplomyelia in a Holstein Calf. <i>Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association</i> , 2012, 65, 516-519.	0.0	3
79	Detection of <i>Aspergillus fumigatus</i> in the Captive Environment and Preventive Measures Leading to the Eradication of Penguin Aspergillosis in an Aquarium. <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2020, 25, 101-107.	0.2	3
80	Countermeasures Against Aspergillosis in Captive Penguins. <i>Medical Mycology Journal</i> , 2022, 63, 49-52.	0.5	3
81	Effect of an Autogenous Free Fat Graft on Hemilaminectomy Defects in Dogs. <i>Journal of Veterinary Medical Science</i> , 2009, 71, 1291-1294.	0.3	2
82	Early-Stage Bioassay for Monitoring Radioactive Contamination in Living Livestock. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 1675-1676.	0.3	2
83	Effects of changes in analytic variables and contrast medium on estimation of glomerular filtration rates by computed tomography in healthy dogs. <i>American Journal of Veterinary Research</i> , 2017, 78, 1049-1055.	0.3	2
84	Characteristic findings of magnetic resonance imaging (MRI) and computed tomography (CT) for severe chronic laminitis in a Thoroughbred horse. <i>Journal of Equine Science</i> , 2017, 28, 105-110.	0.2	2
85	Fluoroscopic observation of the development of displaced abomasum in dairy cows. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1952-1956.	0.3	2
86	Click emission in Dall's porpoise <i>Phocoenoides dalli</i> , focusing on physical properties of tissues. <i>PLoS ONE</i> , 2018, 13, e0202426.	1.1	2
87	Risk factors for superficial digital flexor tendinopathy in Thoroughbred racing horses in Japan. <i>Journal of Equine Science</i> , 2019, 30, 93-98.	0.2	2
88	Role of autopsy imaging-computed tomography in the post-mortem study of farm animals. <i>Veterinary Record Open</i> , 2021, 8, e1.	0.3	2
89	An objective index for spinal cord compression on computed tomography in Thoroughbred horses. <i>Veterinary Medicine and Science</i> , 2022, 8, 1072-1078.	0.6	2
90	Significance of imaging features of alveolar echinococcosis in studies on nonhuman primates. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 81, 540-4.	0.6	2

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91	Differentiation between Chondroma and Squamous Cell Carcinoma: Evaluation of Subtraction Image of MRI.. Journal of Veterinary Medical Science, 1998, 60, 1149-1151.	0.3	1
92	Proton Relaxation Caused by Magnetic Resonance Imaging Contrast Agent, Oral Magnetic Particles.. Chemical and Pharmaceutical Bulletin, 1999, 47, 727-731.	0.6	1
93	Providing an intelligible explanation to pet owners by using three-dimensional CT images: Use of clinical imaging for better informed consent. Veterinary Research Communications, 2009, 33, 387-393.	0.6	1
94	Computed tomographic evaluation of cerebral ventricular size in clinically normal calves. American Journal of Veterinary Research, 2010, 71, 135-137.	0.3	1
95	Evaluation of Motion Correction Processing in Equine Bone Scintigraphy by Scheffé's Method of Paired Comparisons. Journal of Veterinary Medical Science, 2013, 75, 369-371.	0.3	1
96	Experimental assessment of bone mineral density using quantitative computed tomography in holstein dairy cows. Journal of Veterinary Medical Science, 2016, 78, 1209-1211.	0.3	1
97	Standing magnetic resonance imaging of distal phalanx fractures in 6 cases of Thoroughbred racehorse. Journal of Veterinary Medical Science, 2019, 81, 689-693.	0.3	1
98	Changes in the skeletal dimensions of the digits of the thoracic limb of Holstein cows after maturation. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2020, 49, 333-344.	0.3	1
99	Evaluation of the air sac volume of penguins with respiratory diseases using computed tomography. Journal of Veterinary Medical Science, 2022, 84, 368-372.	0.3	1
100	Peripartum Back Fat Thickness of Multiparous Holstein-Friesian Cows with Displacement of the Abomasum or Ketosis. Journal of Veterinary Medical Science, 2012, 74, 641-644.	0.3	0
101	History of internal radiation exposure in a wild masked palm civet (<i>Paguma larvata</i>) at Fukushima assessed by autoradiography of vibrissae. Bulletin of the Veterinary Institute in Pulawy = Biuletyn Instytutu Weterynarii W Pulawach, 2013, 57, 433-435.	0.4	0
102	Perfusion computed tomographic measurements of cerebral blood flow variables in live Holstein calves. American Journal of Veterinary Research, 2018, 79, 177-180.	0.3	0
103	Mobility of the forearm skeleton in the Asiatic black (<i>Ursus thibetanus</i>), brown (<i>U. arctos</i>) and polar (<i>U. maritimus</i>) bears. Journal of Veterinary Medical Science, 2021, 83, 1284-1289.	0.3	0
104	Partial hepatectomy for treatment of multiple liver abscess in a calf: a case report. BMC Veterinary Research, 2021, 17, 67.	0.7	0
105	Equine sarcoid of the glans penis with bovine papillomavirus type 1 in a miniature horse (Falabella). Journal of Veterinary Medical Science, 2021, 83, 1016-1021.	0.3	0
106	Influence of Imaging Factors on Image Quality in Bovine Computed Radiography (CR) Using Portable X-ray Equipment. Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association, 2010, 63, 431-434.	0.0	0
107	Effects of Gelatin Hydrogel Microsphere Containing Platelet Rich Plasma Dairy Cows with Sole Ulcers. Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association, 2013, 66, 305-309.	0.0	0
108	Pancreatic Blood Flow Measurements in the Pig Pancreatitis Model Using Perfusion CT with Deconvolution Method. Lecture Notes in Computer Science, 2014, , 94-102.	1.0	0

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109	Change of coarse marbling in <i>M. longissimus dorsi</i> in Japanese Black used Computed Tomography. <i>Nihon Chikusan Gakkaiho</i> , 2015, 86, 379-384.	0.0	0
110	A Clinical Case of Maxillary Sinus Abscess in a Holstein Cow. <i>Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association</i> , 2016, 69, 93-96.	0.0	0
111	Experience of using water-dispersed paper bedding for equine scintigraphy. <i>Journal of Equine Science</i> , 2018, 29, 105-109.	0.2	0
112	Diagnosis of a sublingual abscess in a Japanese Black calf using computed tomography. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 1497-1501.	0.3	0
113	Congenital malformations of the external and middle ear accompanied by temporal bone anomaly in a calf. <i>Journal of Veterinary Medical Science</i> , 2022, 84, .	0.3	0
114	Characteristic computed tomographic myelography findings in 23 Thoroughbred horses. <i>Journal of Veterinary Medical Science</i> , 2022, 84, 525-532.	0.3	0
115	Investigation of a contributing factor for cervical vertebral stenotic myelopathy using computed tomography for measuring the cervical vertebral volume. <i>Journal of Veterinary Medical Science</i> , 2022, , .	0.3	0