

Rachel E Pollard

List of Publications by Year in descending order

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53
papers

2,403
citations

279798

23
h-index

206112

48
g-index

57
all docs

57
docs citations

57
times ranked

2532
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound Microbubble Contrast Agents: Fundamentals and Application to Gene and Drug Delivery. Annual Review of Biomedical Engineering, 2007, 9, 415-447.	12.3	1,089
2	<i>FGF4</i> retrogene on CFA12 is responsible for chondrodystrophy and intervertebral disc disease in dogs. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11476-11481.	7.1	92
3	Fluoroscopic and radiographic evaluation of tracheal collapse in dogs: 62 cases (2001-2006). Journal of the American Veterinary Medical Association, 2007, 230, 1870-1876.	0.5	79
4	Percutaneous ultrasonographically guided radiofrequency heat ablation for treatment of primary hyperparathyroidism in dogs. Journal of the American Veterinary Medical Association, 2001, 218, 1106-1110.	0.5	66
5	Contrast-enhanced US of Microcirculation of Superficially Implanted Tumors in Rats. Radiology, 2003, 229, 439-446.	7.3	66
6	Serum Insulin-Like Growth Factor Concentration in Cats with Diabetes Mellitus and Acromegaly. Journal of Veterinary Internal Medicine, 2007, 21, 892-898.	1.6	57
7	Quantitative Evaluation of Perfusion and Permeability of Peripheral Tumors Using Contrast-Enhanced Computed Tomography. Investigative Radiology, 2004, 39, 340-349.	6.2	53
8	Hemodynamic and serum biochemical alterations associated with intravenous administration of three types of contrast media in anesthetized dogs. American Journal of Veterinary Research, 2008, 69, 1268-1273.	0.6	50
9	Contrast-assisted Destruction-replenishment Ultrasound for the Assessment of Tumor Microvasculature in a Rat Model. Technology in Cancer Research and Treatment, 2002, 1, 459-470.	1.9	49
10	Contrast-Enhanced Computed Tomography and Ultrasound for the Evaluation of Tumor Blood Flow. Investigative Radiology, 2005, 40, 134-147.	6.2	43
11	QUANTITATIVE VIDEOFLUOROSCOPIC EVALUATION OF PHARYNGEAL FUNCTION IN THE DOG. Veterinary Radiology and Ultrasound, 2000, 41, 409-412.	0.9	40
12	Diagnostic imaging findings and endocrine test results in dogs with pituitary-dependent hyperadrenocorticism that did or did not have neurologic abnormalities: 157 cases (1989-2005). Journal of the American Veterinary Medical Association, 2007, 231, 1081-1085.	0.5	40
13	Cross-sectional Imaging Characteristics of Pituitary Adenomas, Invasive Adenomas and Adenocarcinomas in Dogs: 33 Cases (1988-2006). Journal of Veterinary Internal Medicine, 2010, 24, 160-165.	1.6	39
14	Severe reaction to intravenous administration of an ionic iodinated contrast agent in two anesthetized dogs. Journal of the American Veterinary Medical Association, 2008, 233, 274-278.	0.5	38
15	INDIRECT COMPUTED TOMOGRAPHIC LYMPHOGRAPHY FOR ILIOSACRAL LYMPHATIC MAPPING IN A COHORT OF DOGS WITH ANAL SAC GLAND ADENOCARCINOMA: TECHNIQUE DESCRIPTION. Veterinary Radiology and Ultrasound, 2017, 58, 295-303.	0.9	37
16	Ultrasonographic Evaluation of the Thyroid Gland in Healthy, Hypothyroid, and Euthyroid Golden Retrievers with Nonthyroidal Illness. Journal of Veterinary Internal Medicine, 2005, 19, 499-506.	1.6	36
17	Quantitative contrast enhanced ultrasound and ct assessment of tumor response to antiangiogenic therapy in rats. Ultrasound in Medicine and Biology, 2007, 33, 235-245.	1.5	36
18	RADIOGRAPHIC CHARACTERIZATION OF PRIMARY LUNG TUMORS IN 74 DOGS. Veterinary Radiology and Ultrasound, 2014, 55, 480-487.	0.9	35

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19	Changes in tracheal dimensions during inspiration and expiration in healthy dogs as detected via computed tomography. <i>American Journal of Veterinary Research</i> , 2009, 70, 986-991.	0.6	31
20	Regenerative Approach to Bilateral Rostral Mandibular Reconstruction in a Case Series of Dogs. <i>Frontiers in Veterinary Science</i> , 2015, 2, 4.	2.2	29
21	Surgical management of cricopharyngeal dysphagia in dogs: 14 cases (1989-2001). <i>Journal of the American Veterinary Medical Association</i> , 2003, 223, 1462-1468.	0.5	27
22	Imaging Evaluation of Dogs and Cats with Dysphagia. <i>ISRN Veterinary Science</i> , 2012, 2012, 1-15.	1.1	27
23	Hemodynamic and serum biochemical alterations associated with intravenous administration of three types of contrast media in anesthetized cats. <i>American Journal of Veterinary Research</i> , 2008, 69, 1274-1278.	0.6	26
24	Motion Corrected Cadence CPS Ultrasound for Quantifying Response to Vasoactive Drugs in a Rat Kidney Model. <i>Urology</i> , 2009, 74, 675-681.	1.0	24
25	The prevalence of dynamic pharyngeal collapse is high in brachycephalic dogs undergoing videofluoroscopy. <i>Veterinary Radiology and Ultrasound</i> , 2018, 59, 529-534.	0.9	24
26	Prospective evaluation of surgical management of sliding hiatal hernia and gastroesophageal reflux in dogs. <i>Veterinary Surgery</i> , 2017, 46, 1098-1109.	1.0	22
27	PRELIMINARY EVALUATION OF THE PHARYNGEAL CONSTRICTION RATIO (PCR) FOR FLUOROSCOPIC DETERMINATION OF PHARYNGEAL CONSTRICTION IN DYSPHAGIC DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2007, 48, 221-226.	0.9	17
28	Early treatment with a combination of two potent neutralizing antibodies improves clinical outcomes and reduces virus replication and lung inflammation in SARS-CoV-2 infected macaques. <i>PLoS Pathogens</i> , 2021, 17, e1009688.	4.7	16
29	REACTION TO INTRAARTERIAL IONIC IODINATED CONTRAST MEDIUM ADMINISTRATION IN ANESTHETIZED HORSES. <i>Veterinary Radiology and Ultrasound</i> , 2011, 52, 441-443.	0.9	15
30	CONTRAST VIDEOFLUOROSCOPIC ASSESSMENT OF DYSPHAGIC CATS. <i>Veterinary Radiology and Ultrasound</i> , 2014, 55, 465-471.	0.9	15
31	Japanese Bobtail: vertebral morphology and genetic characterization of an established cat breed. <i>Journal of Feline Medicine and Surgery</i> , 2015, 17, 719-726.	1.6	15
32	SARS-CoV-2 Infection of Rhesus Macaques Treated Early with Human COVID-19 Convalescent Plasma. <i>Microbiology Spectrum</i> , 2021, 9, e0139721.	3.0	15
33	PREVALENCE OF INCIDENTAL THYROID NODULES IN ULTRASOUND STUDIES OF DOGS WITH HYPERCALCEMIA (2008-2013). <i>Veterinary Radiology and Ultrasound</i> , 2015, 56, 63-67.	0.9	14
34	Diagnostic outcome of contrast videofluoroscopic swallowing studies in 216 dysphagic dogs. <i>Veterinary Radiology and Ultrasound</i> , 2017, 58, 373-380.	0.9	14
35	Quantitative assessment of blood volume, blood flow, and permeability of the brain of clinically normal dogs by use of dynamic contrast-enhanced computed tomography. <i>American Journal of Veterinary Research</i> , 2008, 69, 45-50.	0.6	12
36	Measurement of equine laminar blood flow and vascular permeability by use of dynamic contrast-enhanced computed tomography. <i>American Journal of Veterinary Research</i> , 2008, 69, 371-377.	0.6	12

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37	Evaluation of radiographic predictors of left heart enlargement in dogs with known or suspected cardiovascular disease. <i>Veterinary Radiology and Ultrasound</i> , 2021, 62, 271-281.	0.9	12
38	EFFECTS OF CORN OIL ADMINISTERED ORALLY ON CONSPICUITY OF ULTRASONOGRAPHIC SMALL INTESTINAL LESIONS IN DOGS WITH LYMPHANGIECTASIA. <i>Veterinary Radiology and Ultrasound</i> , 2013, 54, 390-397.	0.9	10
39	COMPARISON OF THE RADIOGRAPHIC AND TRACHEOSCOPIC APPEARANCE OF THE DORSAL TRACHEAL MEMBRANE IN LARGE AND SMALL BREED DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2015, 56, 602-608.	0.9	10
40	Ultrasonographic characterization of cervical lymph nodes in healthy dogs. <i>Veterinary Radiology and Ultrasound</i> , 2019, 60, 560-566.	0.9	10
41	Monoclonal antibodies protect aged rhesus macaques from SARS-CoV-2-induced immune activation and neuroinflammation. <i>Cell Reports</i> , 2021, 37, 109942.	6.4	9
42	Early post-infection treatment of SARS-CoV-2 infected macaques with human convalescent plasma with high neutralizing activity had no antiviral effects but moderately reduced lung inflammation. <i>PLoS Pathogens</i> , 2022, 18, e1009925.	4.7	8
43	Clinical and videofluoroscopic outcomes of laparoscopic treatment for sliding hiatal hernia and associated gastroesophageal reflux in brachycephalic dogs. <i>Veterinary Surgery</i> , 2021, 50, O67-O77.	1.0	7
44	EFFECT OF BOLUS SIZE ON DEGLUTITION AND ESOPHAGEAL TRANSIT IN HEALTHY DOGS. <i>Veterinary Radiology and Ultrasound</i> , 2016, 57, 359-365.	0.9	6
45	Videofluoroscopic Evaluation of the Pharynx and Upper Esophageal Sphincter in the Dog: A Systematic Review of the Literature. <i>Frontiers in Veterinary Science</i> , 2019, 6, 117.	2.2	6
46	Dynamic contrast-enhanced computed tomography for the quantification of tumor response to vasoactive agents in a rat tumor model: preliminary results. <i>Contrast Media and Molecular Imaging</i> , 2011, 6, 28-34.	0.8	5
47	Entry-Level Spatial and General Non-verbal Reasoning: Can These Abilities be Used as a Predictor for Anatomy Performance in Veterinary Medical Students?. <i>Frontiers in Veterinary Science</i> , 2018, 5, 226.	2.2	5
48	Ultrasound detection and characterization of polycystic kidney disease in a mouse model. <i>Comparative Medicine</i> , 2006, 56, 215-21.	1.0	5
49	Ultrasonography does not consistently detect parathyroid glands in healthy cats. <i>Veterinary Radiology and Ultrasound</i> , 2018, 59, 737-743.	0.9	3
50	Feasibility of quantitative contrast ultrasound imaging of bladder tumors in dogs. <i>Canadian Veterinary Journal</i> , 2017, 58, 70-72.	0.0	3
51	Letter regarding "Evaluation of bronchial narrowing in coughing dogs with heart murmurs using computed tomography". <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 2555-2556.	1.6	1
52	Advanced Ultrasound Techniques. , 2015, , 78-93.		0
53	Total laryngectomy for management of chronic aspiration pneumonia in a myopathic dog. <i>Canadian Veterinary Journal</i> , 2016, 57, 761-6.	0.0	0