

Lisbeth H Olsen

List of Publications by Citations

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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.

56
papers

1,165
citations

20
h-index

33
g-index

59
ext. papers

1,359
ext. citations

3.4
avg, IF

3.9
L-index

#	Paper	IF	Citations
56	Natriuretic peptides in cardiometabolic regulation and disease. <i>Nature Reviews Cardiology</i> , 2014 , 11, 403-12	14.8	119
55	Heart rate variability in young, clinically healthy Dachshunds: influence of sex, mitral valve prolapse status, sampling period and time of day. <i>Journal of Veterinary Cardiology</i> , 1999 , 1, 7-16	1.9	107
54	Epidemiology and Inheritance of Mitral Valve Prolapse in Dachshunds. <i>Journal of Veterinary Internal Medicine</i> , 1999 , 13, 448-456	3.1	95
53	Auscultation in Mild Mitral Regurgitation in Dogs: Observer Variation, Effects of Physical Maneuvers, and Agreement with Color Doppler Echocardiography and Phonocardiography. <i>Journal of Veterinary Internal Medicine</i> , 1999 , 13, 56-64	3.1	89
52	Identification of 2 loci associated with development of myxomatous mitral valve disease in Cavalier King Charles Spaniels. <i>Journal of Heredity</i> , 2011 , 102 Suppl 1, S62-7	2.4	48
51	Arteriosclerotic changes in the myocardium, lung, and kidney in dogs with chronic congestive heart failure and myxomatous mitral valve disease. <i>Cardiovascular Pathology</i> , 2006 , 15, 185-93	3.8	48
50	Platelet function in dogs: breed differences and effect of acetylsalicylic acid administration. <i>Veterinary Clinical Pathology</i> , 2007 , 36, 267-73	1	41
49	Increased NADPH-diaphorase activity in canine myxomatous mitral valve leaflets. <i>Journal of Comparative Pathology</i> , 2003 , 129, 120-30	1	37
48	Holter monitoring in clinically healthy Cavalier King Charles Spaniels, Wire-haired Dachshunds, and Cairn Terriers. <i>Journal of Veterinary Internal Medicine</i> , 2011 , 25, 460-8	3.1	36
47	Heart rate, heart rate variability, and arrhythmias in dogs with myxomatous mitral valve disease. <i>Journal of Veterinary Internal Medicine</i> , 2012 , 26, 76-84	3.1	34
46	Neuroendocrine changes in Dachshunds with mitral valve prolapse examined under different study conditions. <i>Research in Veterinary Science</i> , 1999 , 66, 11-7	2.5	34
45	Radial and longitudinal strain and strain rate assessed by speckle-tracking echocardiography in dogs with myxomatous mitral valve disease. <i>Journal of Veterinary Internal Medicine</i> , 2012 , 26, 1309-19	3.1	27
44	Cardiac troponin-I concentration, myocardial arteriosclerosis, and fibrosis in dogs with congestive heart failure because of myxomatous mitral valve disease. <i>Journal of Veterinary Internal Medicine</i> , 2013 , 27, 500-6	3.1	25
43	Epidemiology and inheritance of mitral valve prolapse in Dachshunds. <i>Journal of Veterinary Internal Medicine</i> , 1999 , 13, 448-56	3.1	25
42	Breeding Restrictions Decrease the Prevalence of Myxomatous Mitral Valve Disease in Cavalier King Charles Spaniels over an 8- to 10-Year Period. <i>Journal of Veterinary Internal Medicine</i> , 2016 , 30, 63-8 ^{3.1}	3.1	24
41	Experimental non-alcoholic steatohepatitis in Göttingen Minipigs: consequences of high fat-fructose-cholesterol diet and diabetes. <i>Journal of Translational Medicine</i> , 2019 , 17, 110	8.5	23
40	Associations between cardiac pathology and clinical, echocardiographic and electrocardiographic findings in dogs with chronic congestive heart failure. <i>Veterinary Journal</i> , 2010 , 185, 68-74	2.5	23

39	Göttingen minipig model of diet-induced atherosclerosis: influence of mild streptozotocin-induced diabetes on lesion severity and markers of inflammation evaluated in obese, obese and diabetic, and lean control animals. <i>Journal of Translational Medicine</i> , 2015 , 13, 312	8.5	22
38	Serotonin concentrations in platelets, plasma, mitral valve leaflet, and left ventricular myocardial tissue in dogs with myxomatous mitral valve disease. <i>Journal of Veterinary Internal Medicine</i> , 2014 , 28, 1534-40	3.1	22
37	Holter monitoring of small breed dogs with advanced myxomatous mitral valve disease with and without a history of syncope. <i>Journal of Veterinary Internal Medicine</i> , 2014 , 28, 363-70	3.1	21
36	Alpha-smooth muscle actin and serotonin receptors 2A and 2B in dogs with myxomatous mitral valve disease. <i>Research in Veterinary Science</i> , 2015 , 100, 197-206	2.5	19
35	R-R interval variations influence the degree of mitral regurgitation in dogs with myxomatous mitral valve disease. <i>Veterinary Journal</i> , 2014 , 199, 348-54	2.5	19
34	Flow-mediated vasodilation measurements in Cavalier King Charles Spaniels with increasing severity of myxomatous mitral valve disease. <i>Journal of Veterinary Internal Medicine</i> , 2012 , 26, 61-8	3.1	19
33	Left ventricular twist and circumferential strain in dogs with myxomatous mitral valve disease. <i>Journal of Veterinary Internal Medicine</i> , 2013 , 27, 875-83	3.1	16
32	Plasma and serum serotonin concentrations and surface-bound platelet serotonin expression in Cavalier King Charles Spaniels with myxomatous mitral valve disease. <i>American Journal of Veterinary Research</i> , 2015 , 76, 520-31	1.1	15
31	Left Ventricular Function After Prolonged Exercise in Equine Endurance Athletes. <i>Journal of Veterinary Internal Medicine</i> , 2016 , 30, 1260-9	3.1	15
30	Biopterin status in dogs with myxomatous mitral valve disease is associated with disease severity and cardiovascular risk factors. <i>Journal of Veterinary Internal Medicine</i> , 2014 , 28, 1520-6	3.1	14
29	Markers of Oxidative Stress in Dogs with Myxomatous Mitral Valve Disease are Influenced by Sex, Neuter Status, and Serum Cholesterol Concentration. <i>Journal of Veterinary Internal Medicine</i> , 2017 , 31, 295-302	3.1	13
28	Increased serum C-reactive protein concentrations in dogs with congestive heart failure due to myxomatous mitral valve disease. <i>Veterinary Journal</i> , 2016 , 209, 113-8	2.5	13
27	Serotonin markers show altered transcription levels in an experimental pig model of mitral regurgitation. <i>Veterinary Journal</i> , 2015 , 203, 192-8	2.5	13
26	Feasibility of simultaneous PET/MR in diet-induced atherosclerotic minipig: a pilot study for translational imaging. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2014 , 4, 448-58	2.2	12
25	Matrix metalloproteinases (MMPs), tissue inhibitors of metalloproteinases (TIMPs) and transforming growth factor- β (TGF- β) in advanced canine myxomatous mitral valve disease. <i>Research in Veterinary Science</i> , 2014 , 97, 560-7	2.5	11
24	Associations between N-terminal procollagen type III, fibrosis and echocardiographic indices in dogs that died due to myxomatous mitral valve disease. <i>Journal of Veterinary Cardiology</i> , 2014 , 16, 257-64 ¹⁹	1.9	10
23	F-FDG PET/MR-imaging in a Göttingen Minipig model of atherosclerosis: Correlations with histology and quantitative gene expression. <i>Atherosclerosis</i> , 2019 , 285, 55-63	3.1	9
22	Mitral Regurgitation Severity and Left Ventricular Systolic Dimension Predict Survival in Young Cavalier King Charles Spaniels. <i>Journal of Veterinary Internal Medicine</i> , 2017 , 31, 1008-1016	3.1	8

21	Hyperglycemia-induced transcriptional regulation of ROCK1 and TGM2 expression is involved in small artery remodeling in obese diabetic Göttingen Minipigs. <i>Clinical Science</i> , 2019 , 133, 2499-2516	6.5	8
20	Dietary normalization from a fat, fructose and cholesterol-rich diet to chow limits the amount of myocardial collagen in a Göttingen Minipig model of obesity. <i>Nutrition and Metabolism</i> , 2018 , 15, 64	4.6	8
19	Appropriate threshold levels of cardiac beat-to-beat variation in semi-automatic analysis of equine ECG recordings. <i>BMC Veterinary Research</i> , 2016 , 12, 266	2.7	7
18	Auscultation in Mild Mitral Regurgitation in Dogs: Observer Variation, Effects of Physical Maneuvers, and Agreement with Color Doppler Echocardiography and Phonocardiography 1999 , 13, 56		6
17	The expression signatures in liver and adipose tissue from obese Göttingen Minipigs reveal a predisposition for healthy fat accumulation. <i>Nutrition and Diabetes</i> , 2020 , 10, 9	4.7	5
16	Angiotensin-converting enzyme activity in Cavalier King Charles Spaniels with an ACE gene polymorphism and myxomatous mitral valve disease. <i>Pharmacogenetics and Genomics</i> , 2018 , 28, 37-40	1.9	5
15	Absence of functional compensation between coagulation factor VIII and plasminogen in double-knockout mice. <i>Blood Advances</i> , 2018 , 2, 3126-3136	7.8	4
14	Myocardial Changes in Diabetic and Nondiabetic Nonhuman Primates. <i>Veterinary Pathology</i> , 2020 , 57, 332-343	2.8	2
13	Urine 5-hydroxyindoleacetic acid in Cavalier King Charles spaniels with preclinical myxomatous mitral valve disease. <i>Veterinary Journal</i> , 2019 , 250, 36-43	2.5	2
12	Pig models for the human heart failure syndrome. <i>Cardiovascular Endocrinology</i> , 2014 , 3, 15-18		2
11	Advanced electrocardiographic parameters change with severity of mitral regurgitation in Cavalier King Charles Spaniels in sinus rhythm. <i>Journal of Veterinary Internal Medicine</i> , 2012 , 26, 93-100	3.1	2
10	Inhibition of K2 and K11.1 Channels in Pigs With Left Ventricular Dysfunction. <i>Frontiers in Pharmacology</i> , 2020 , 11, 556	5.6	2
9	Atorvastatin impairs liver mitochondrial function in obese Göttingen Minipigs but heart and skeletal muscle are not affected. <i>Scientific Reports</i> , 2021 , 11, 2167	4.9	2
8	Polymorphisms in the serotonin transporter gene and circulating concentrations of neurotransmitters in Cavalier King Charles Spaniels with myxomatous mitral valve disease. <i>Journal of Veterinary Internal Medicine</i> , 2021 , 35, 2596	3.1	1
7	Hyperinsulinaemic hypoglycaemia in non-anaesthetized Göttingen minipigs induces a counter-regulatory endocrine response and electrocardiographic changes. <i>Scientific Reports</i> , 2021 , 11, 5983	4.9	1
6	Depleted Myocardial Coenzyme Q10 in Cavalier King Charles Spaniels with Congestive Heart Failure Due to Myxomatous Mitral Valve Disease. <i>Antioxidants</i> , 2021 , 10,	7.1	1
5	The genetic consequences of dog breed formation-Accumulation of deleterious genetic variation and fixation of mutations associated with myxomatous mitral valve disease in cavalier King Charles spaniels. <i>PLoS Genetics</i> , 2021 , 17, e1009726	6	0
4	Intermittent mitral regurgitation in Cavalier King Charles spaniels: Short-term progression and influence of stress tests. <i>Veterinary Journal</i> , 2020 , 258, 105457	2.5	

- 3 Echocardiographic assessment of left ventricular function in mitral regurgitation. *Cardiovascular Endocrinology*, **2014**, 3, 9-14
- 2 Noninvasive assessment of pulse-wave velocity and flow-mediated vasodilation in anesthetized Göttingen minipigs. *Comparative Medicine*, **2014**, 64, 471-7 1.6
- 1 Implantation of telemetric blood pressure transmitters in Göttingen Minipigs: Validation of 24-h systemic blood pressure and heart rate monitoring and influence of anaesthesia.. *Journal of Pharmacological and Toxicological Methods*, **2022**, 107168 1.7