

# Lisbeth H Olsen

## 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.

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	Implantation of telemetric blood pressure transmitters in Göttingen Minipigs: Validation of 24-h systemic blood pressure and heart rate monitoring and influence of anaesthesia.. <i>Journal of Pharmacological and Toxicological Methods</i> , <b>2022</b> , 107168	1.7	
55	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> , <b>2021</b> , 35, 2596	3.1	1
54	Hyperinsulinaemic hypoglycaemia in non-anaesthetized Göttingen minipigs induces a counter-regulatory endocrine response and electrocardiographic changes. <i>Scientific Reports</i> , <b>2021</b> , 11, 5983	4.9	1
53	Atorvastatin impairs liver mitochondrial function in obese Göttingen Minipigs but heart and skeletal muscle are not affected. <i>Scientific Reports</i> , <b>2021</b> , 11, 2167	4.9	2
52	Depleted Myocardial Coenzyme Q10 in Cavalier King Charles Spaniels with Congestive Heart Failure Due to Myxomatous Mitral Valve Disease. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	1
51	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> , <b>2021</b> , 17, e1009726	6	0
50	The expression signatures in liver and adipose tissue from obese Göttingen Minipigs reveal a predisposition for healthy fat accumulation. <i>Nutrition and Diabetes</i> , <b>2020</b> , 10, 9	4.7	5
49	Myocardial Changes in Diabetic and Nondiabetic Nonhuman Primates. <i>Veterinary Pathology</i> , <b>2020</b> , 57, 332-343	2.8	2
48	Intermittent mitral regurgitation in Cavalier King Charles spaniels: Short-term progression and influence of stress tests. <i>Veterinary Journal</i> , <b>2020</b> , 258, 105457	2.5	
47	Inhibition of K2 and K11.1 Channels in Pigs With Left Ventricular Dysfunction. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 556	5.6	2
46	F-FDG PET/MR-imaging in a Göttingen Minipig model of atherosclerosis: Correlations with histology and quantitative gene expression. <i>Atherosclerosis</i> , <b>2019</b> , 285, 55-63	3.1	9
45	Experimental non-alcoholic steatohepatitis in Göttingen Minipigs: consequences of high fat-fructose-cholesterol diet and diabetes. <i>Journal of Translational Medicine</i> , <b>2019</b> , 17, 110	8.5	23
44	Urine 5-hydroxyindoleacetic acid in Cavalier King Charles spaniels with preclinical myxomatous mitral valve disease. <i>Veterinary Journal</i> , <b>2019</b> , 250, 36-43	2.5	2
43	Hyperglycemia-induced transcriptional regulation of ROCK1 and TGM2 expression is involved in small artery remodeling in obese diabetic Göttingen Minipigs. <i>Clinical Science</i> , <b>2019</b> , 133, 2499-2516	6.5	8
42	Angiotensin-converting enzyme activity in Cavalier King Charles Spaniels with an ACE gene polymorphism and myxomatous mitral valve disease. <i>Pharmacogenetics and Genomics</i> , <b>2018</b> , 28, 37-40	1.9	5
41	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> , <b>2018</b> , 15, 64	4.6	8
40	Absence of functional compensation between coagulation factor VIII and plasminogen in double-knockout mice. <i>Blood Advances</i> , <b>2018</b> , 2, 3126-3136	7.8	4

39	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> , <b>2017</b> , 31, 295-302	3.1	13
38	Mitral Regurgitation Severity and Left Ventricular Systolic Dimension Predict Survival in Young Cavalier King Charles Spaniels. <i>Journal of Veterinary Internal Medicine</i> , <b>2017</b> , 31, 1008-1016	3.1	8
37	Increased serum C-reactive protein concentrations in dogs with congestive heart failure due to myxomatous mitral valve disease. <i>Veterinary Journal</i> , <b>2016</b> , 209, 113-8	2.5	13
36	Appropriate threshold levels of cardiac beat-to-beat variation in semi-automatic analysis of equine ECG recordings. <i>BMC Veterinary Research</i> , <b>2016</b> , 12, 266	2.7	7
35	Left Ventricular Function After Prolonged Exercise in Equine Endurance Athletes. <i>Journal of Veterinary Internal Medicine</i> , <b>2016</b> , 30, 1260-9	3.1	15
34	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> , <b>2016</b> , 30, 63-8 <sup>3.1</sup>	3.1	24
33	Alpha-smooth muscle actin and serotonin receptors 2A and 2B in dogs with myxomatous mitral valve disease. <i>Research in Veterinary Science</i> , <b>2015</b> , 100, 197-206	2.5	19
32	Getting 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> , <b>2015</b> , 13, 312	8.5	22
31	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> , <b>2015</b> , 76, 520-31	1.1	15
30	Serotonin markers show altered transcription levels in an experimental pig model of mitral regurgitation. <i>Veterinary Journal</i> , <b>2015</b> , 203, 192-8	2.5	13
29	Natriuretic peptides in cardiometabolic regulation and disease. <i>Nature Reviews Cardiology</i> , <b>2014</b> , 11, 403-12	14.8	119
28	Matrix metalloproteinases (MMPs), tissue inhibitors of metalloproteinases (TIMPs) and transforming growth factor- $\beta$ (TGF- $\beta$ ) in advanced canine myxomatous mitral valve disease. <i>Research in Veterinary Science</i> , <b>2014</b> , 97, 560-7	2.5	11
27	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> , <b>2014</b> , 16, 257-64 <sup>1.9</sup>	1.9	10
26	R-R interval variations influence the degree of mitral regurgitation in dogs with myxomatous mitral valve disease. <i>Veterinary Journal</i> , <b>2014</b> , 199, 348-54	2.5	19
25	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> , <b>2014</b> , 28, 363-70	3.1	21
24	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> , <b>2014</b> , 28, 1520-6	3.1	14
23	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> , <b>2014</b> , 28, 1534-40	3.1	22
22	Echocardiographic assessment of left ventricular function in mitral regurgitation. <i>Cardiovascular Endocrinology</i> , <b>2014</b> , 3, 9-14		

21	Pig models for the human heart failure syndrome. <i>Cardiovascular Endocrinology</i> , <b>2014</b> , 3, 15-18		2
20	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> , <b>2014</b> , 4, 448-58	2.2	12
19	Noninvasive assessment of pulse-wave velocity and flow-mediated vasodilation in anesthetized Göttingen minipigs. <i>Comparative Medicine</i> , <b>2014</b> , 64, 471-7	1.6	
18	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> , <b>2013</b> , 27, 500-6	3.1	25
17	Left ventricular twist and circumferential strain in dogs with myxomatous mitral valve disease. <i>Journal of Veterinary Internal Medicine</i> , <b>2013</b> , 27, 875-83	3.1	16
16	Heart rate, heart rate variability, and arrhythmias in dogs with myxomatous mitral valve disease. <i>Journal of Veterinary Internal Medicine</i> , <b>2012</b> , 26, 76-84	3.1	34
15	Advanced electrocardiographic parameters change with severity of mitral regurgitation in Cavalier King Charles Spaniels in sinus rhythm. <i>Journal of Veterinary Internal Medicine</i> , <b>2012</b> , 26, 93-100	3.1	2
14	Flow-mediated vasodilation measurements in Cavalier King Charles Spaniels with increasing severity of myxomatous mitral valve disease. <i>Journal of Veterinary Internal Medicine</i> , <b>2012</b> , 26, 61-8	3.1	19
13	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> , <b>2012</b> , 26, 1309-19	3.1	27
12	Holter monitoring in clinically healthy Cavalier King Charles Spaniels, Wire-haired Dachshunds, and Cairn Terriers. <i>Journal of Veterinary Internal Medicine</i> , <b>2011</b> , 25, 460-8	3.1	36
11	Identification of 2 loci associated with development of myxomatous mitral valve disease in Cavalier King Charles Spaniels. <i>Journal of Heredity</i> , <b>2011</b> , 102 Suppl 1, S62-7	2.4	48
10	Associations between cardiac pathology and clinical, echocardiographic and electrocardiographic findings in dogs with chronic congestive heart failure. <i>Veterinary Journal</i> , <b>2010</b> , 185, 68-74	2.5	23
9	Platelet function in dogs: breed differences and effect of acetylsalicylic acid administration. <i>Veterinary Clinical Pathology</i> , <b>2007</b> , 36, 267-73	1	41
8	Arteriosclerotic changes in the myocardium, lung, and kidney in dogs with chronic congestive heart failure and myxomatous mitral valve disease. <i>Cardiovascular Pathology</i> , <b>2006</b> , 15, 185-93	3.8	48
7	Increased NADPH-diaphorase activity in canine myxomatous mitral valve leaflets. <i>Journal of Comparative Pathology</i> , <b>2003</b> , 129, 120-30	1	37
6	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> , <b>1999</b> , 1, 7-16	1.9	107
5	Neuroendocrine changes in Dachshunds with mitral valve prolapse examined under different study conditions. <i>Research in Veterinary Science</i> , <b>1999</b> , 66, 11-7	2.5	34
4	Epidemiology and Inheritance of Mitral Valve Prolapse in Dachshunds. <i>Journal of Veterinary Internal Medicine</i> , <b>1999</b> , 13, 448-456	3.1	95

3	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> , <b>1999</b> , 13, 56-64	3.1	89
2	Auscultation in Mild Mitral Regurgitation in Dogs: Observer Variation, Effects of Physical Maneuvers, and Agreement with Color Doppler Echocardiography and Phonocardiography <b>1999</b> , 13, 56		6
1	Epidemiology and inheritance of mitral valve prolapse in Dachshunds. <i>Journal of Veterinary Internal Medicine</i> , <b>1999</b> , 13, 448-56	3.1	25