

# Mark D Kittleson

## List of Publications by Year in descending order

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93  
papers

4,856  
citations

117625

34  
h-index

91884

69  
g-index

93  
all docs

93  
docs citations

93  
times ranked

2376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Allometric Scaling of M-Mode Cardiac Measurements in Normal Adult Dogs. Journal of Veterinary Internal Medicine, 2004, 18, 311-321.	1.6	560
2	Intra-coronary arterial injection of mesenchymal stromal cells and microinfarction in dogs. Lancet, The, 2004, 363, 783-784.	13.7	450
3	Myocardial failure in cats associated with low plasma taurine: a reversible cardiomyopathy. Science, 1987, 237, 764-768.	12.6	442
4	Allometric Scaling of M-Mode Cardiac Measurements in Normal Adult Dogs. Journal of Veterinary Internal Medicine, 2004, 18, 311.	1.6	263
5	Familial Hypertrophic Cardiomyopathy in Maine Coon Cats. Circulation, 1999, 99, 3172-3180.	1.6	213
6	A cardiac myosin binding protein C mutation in the Maine Coon cat with familial hypertrophic cardiomyopathy. Human Molecular Genetics, 2005, 14, 3587-3593.	2.9	194
7	A substitution mutation in the myosin binding protein C gene in ragdoll hypertrophic cardiomyopathy. Genomics, 2007, 90, 261-264.	2.9	153
8	ACVIM consensus statement guidelines for the classification, diagnosis, and management of cardiomyopathies in cats. Journal of Veterinary Internal Medicine, 2020, 34, 1062-1077.	1.6	139
9	Results of the Multicenter Spaniel Trial (MUST): Taurine and Carnitine Responsive Dilated Cardiomyopathy in American Cocker Spaniels With Decreased Plasma Taurine Concentration. Journal of Veterinary Internal Medicine, 1997, 11, 204-211.	1.6	126
10	A Prospective Study of Canine Infective Endocarditis in Northern California (1999-2001): Emergence of Bartonella as a Prevalent Etiologic Agent. Journal of Veterinary Internal Medicine, 2004, 18, 56.	1.6	104
11	Cardiac Troponin I in Feline Hypertrophic Cardiomyopathy. Journal of Veterinary Internal Medicine, 2002, 16, 558.	1.6	92
12	Aortic Valve Endocarditis in a Dog Due to <i>Bartonella clarridgeiae</i> . Journal of Clinical Microbiology, 2001, 39, 3548-3554.	3.9	88
13	Evaluation of the relationship between causative organisms and clinical characteristics of infective endocarditis in dogs: 71 cases (1992-2005). Journal of the American Veterinary Medical Association, 2006, 228, 1723-1734.	0.5	87
14	Clinicopathologic findings and outcome in dogs with infective endocarditis: 71 cases (1992-2005). Journal of the American Veterinary Medical Association, 2006, 228, 1735-1747.	0.5	79
15	Brain Natriuretic Peptide Concentration in Dogs with Heart Disease and Congestive Heart Failure. Journal of Veterinary Internal Medicine, 2003, 17, 172-177.	1.6	72
16	Cardiac Troponin I in Feline Hypertrophic Cardiomyopathy. Journal of Veterinary Internal Medicine, 2002, 16, 558-564.	1.6	67
17	Applications, Complications, and Outcomes of Transvenous Pacemaker Implantation in 105 Dogs (1997-2002). Journal of Veterinary Internal Medicine, 2006, 20, 877.	1.6	66
18	Plasma Taurine Concentrations in Normal Dogs and in Dogs With Heart Disease. Journal of Veterinary Internal Medicine, 1995, 9, 253-258.	1.6	61

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19	Association of Dilated Cardiomyopathy with the Striatin Mutation Genotype in Boxer Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2013, 27, 1437-1440.	1.6	61
20	Measurement of Systemic Arterial Blood Pressure. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 1983, 13, 321-336.	1.5	59
21	Infective Endocarditis in a Dog and the Phylogenetic Relationship of the Associated <i>Bartonella rochalimae</i> Strain with Isolates from Dogs, Gray Foxes, and a Human. <i>Journal of Clinical Microbiology</i> , 2009, 47, 787-790.	3.9	54
22	Regurgitant Fraction Measured by Using the Proximal Isovelocity Surface Area Method in Dogs with Chronic Myxomatous Mitral Valve Disease. <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 84-88.	1.6	53
23	The Effect of Ramipril on Left Ventricular Mass, Myocardial Fibrosis, Diastolic Function, and Plasma Neurohormones in Maine Coon Cats with Familial Hypertrophic Cardiomyopathy without Heart Failure. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 1093-1105.	1.6	52
24	Occlusion Devices and Approaches in Canine Patent Ductus Arteriosus: Comparison of Outcomes. <i>Journal of Veterinary Internal Medicine</i> , 2012, 26, 85-92.	1.6	52
25	Applications, Complications, and Outcomes of Transvenous Pacemaker Implantation in 105 Dogs (1997-2002). <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 877-884.	1.6	51
26	Myosin-Binding Protein C DNA Variants in Domestic Cats (A31P, A74T, R820W) and their Association with Hypertrophic Cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 2013, 27, 275-285.	1.6	51
27	Effect of Spironolactone on Diastolic Function and Left Ventricular Mass in Maine Coon Cats with Familial Hypertrophic Cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 2008, 22, 335-341.	1.6	48
28	Low Plasma Taurine Concentration in Newfoundland Dogs is Associated with Low Plasma Methionine and Cyst(e)ine Concentrations and Low Taurine Synthesis. <i>Journal of Nutrition</i> , 2006, 136, 2525-2533.	2.9	47
29	Bronchomalacia in Dogs with Myxomatous Mitral Valve Degeneration. <i>Journal of Veterinary Internal Medicine</i> , 2012, 26, 312-319.	1.6	46
30	The genetic basis of hypertrophic cardiomyopathy in cats and humans. <i>Journal of Veterinary Cardiology</i> , 2015, 17, S53-S73.	0.9	44
31	Investigation into the use of plasma NT-proBNP concentration to screen for feline hypertrophic cardiomyopathy. <i>Journal of Veterinary Cardiology</i> , 2009, 11, S63-S70.	0.9	43
32	Congenital Cardiac Defects in Neonatal Foals: 18 Cases (1992-2007). <i>Journal of Veterinary Internal Medicine</i> , 2010, 24, 206-212.	1.6	40
33	Atrial Fibrillation as a Prognostic Indicator in Medium to Large-Sized Dogs with Myxomatous Mitral Valvular Degeneration and Congestive Heart Failure. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 51-57.	1.6	36
34	Differential expression of the cardiac ryanodine receptor in normal and arrhythmogenic right ventricular cardiomyopathy canine hearts. <i>Human Genetics</i> , 2006, 120, 111-118.	3.8	35
35	Atrial fibrillation in cats: 50 cases (1979-2002). <i>Journal of the American Veterinary Medical Association</i> , 2004, 225, 256-260.	0.5	34
36	Tissue Doppler Imaging and Gradient Echo Cardiac Magnetic Resonance Imaging in Normal Cats and Cats with Hypertrophic Cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 627-634.	1.6	34

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37	Use of Rheolytic Thrombectomy in the Treatment of Feline Distal Aortic Thromboembolism. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 290-296.	1.6	31
38	A Prospective Study of Canine Infective Endocarditis in Northern California (1999-2001): Emergence of Bartonella as a Prevalent Etiologic Agent. <i>Journal of Veterinary Internal Medicine</i> , 2004, 18, 56-64.	1.6	30
39	The Effect of Hydration Status on the Echocardiographic Measurements of Normal Cats. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 1008.	1.6	30
40	Tissue Doppler Imaging in Maine Coon Cats with a Mutation of Myosin Binding Protein C with or without Hypertrophy. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 232-237.	1.6	29
41	Analysis of 8 Sarcomeric Candidate Genes for Feline Hypertrophic Cardiomyopathy Mutations in Cats with Hypertrophic Cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 2009, 23, 840-843.	1.6	28
42	Intramyocardial pressure and distribution of coronary blood flow during systole and diastole in the horse. <i>Cardiovascular Research</i> , 1982, 16, 256-262.	3.8	27
43	Platelet Activation in Cats with Hypertrophic Cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 411-418.	1.6	27
44	Increased Serum Growth Hormone Concentration in Feline Hypertrophic Cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 1992, 6, 320-324.	1.6	26
45	Oleander Toxicosis in a Donkey. <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 111-114.	1.6	26
46	Dilated Cardiomyopathy Associated with Taurine Deficiency in the Domestic Cat: Relationship to Diet and Myocardial Taurine Content. <i>Advances in Experimental Medicine and Biology</i> , 1992, 315, 63-73.	1.6	26
47	QUANTIFICATION OF LEFT VENTRICULAR MASS USING CARDIAC MAGNETIC RESONANCE IMAGING COMPARED WITH ECHOCARDIOGRAPHY IN DOMESTIC CATS. <i>Veterinary Radiology and Ultrasound</i> , 2005, 46, 192-199.	0.9	25
48	Platelet function in clinically healthy cats and cats with hypertrophic cardiomyopathy: analysis using the Platelet Function Analyzer-100. <i>Veterinary Clinical Pathology</i> , 2008, 37, 385-388.	0.7	24
49	Immediate and Late Outcomes of Transarterial Coil Occlusion of Patent Ductus Arteriosus in Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 83.	1.6	24
50	The Effect of Ramipril on Left Ventricular Mass, Myocardial Fibrosis, Diastolic Function, and Plasma Neurohormones in Maine Coon Cats with Familial Hypertrophic Cardiomyopathy without Heart Failure. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 1093.	1.6	23
51	Submaximal Exercise Testing Using Lactate Threshold and Venous Oxygen Tension as Endpoints in Normal Dogs and in Dogs With Heart Failure. <i>Journal of Veterinary Internal Medicine</i> , 1996, 10, 21-27.	1.6	21
52	Persistent atrial standstill in a cat. <i>Australian Veterinary Journal</i> , 1999, 77, 574-579.	1.1	21
53	Regurgitant Fraction Measured by Using the Proximal Isovelocity Surface Area Method in Dogs with Chronic Myxomatous Mitral Valve Disease. <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 84.	1.6	21
54	Comparison of myocardial contrast enhancement via cardiac magnetic resonance imaging in healthy cats and cats with hypertrophic cardiomyopathy. <i>American Journal of Veterinary Research</i> , 2005, 66, 1891-1894.	0.6	20

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55	Malignant Foregut Carcinoid Tumor in a Domestic Cat. <i>Veterinary Pathology</i> , 1979, 16, 607-609.	1.7	19
56	The A31P missense mutation in cardiac myosin binding protein C alters protein structure but does not cause haploinsufficiency. <i>Archives of Biochemistry and Biophysics</i> , 2016, 601, 133-140.	3.0	19
57	The Feline Cardiomyopathies: 2. Hypertrophic cardiomyopathy. <i>Journal of Feline Medicine and Surgery</i> , 2021, 23, 1028-1051.	1.6	19
58	Cardiovascular and respiratory effects of incremental doses of dopamine and phenylephrine in the management of isoflurane-induced hypotension in cats with hypertrophic cardiomyopathy. <i>American Journal of Veterinary Research</i> , 2012, 73, 908-916.	0.6	18
59	THE USE OF M-MODE ECHOCARDIOGRAPHY IN DETERMINING CARDIAC OUTPUT IN DOGS WITH NORMAL, LOW, AND HIGH OUTPUT STATES: COMPARISON TO THERMODILUTION METHOD. <i>Veterinary Radiology and Ultrasound</i> , 1992, 33, 297-304.	0.9	16
60	Evaluation of heart murmurs in chinchillas ( <i>Chinchilla lanigera</i> ): 59 cases (1996â€“2009). <i>Journal of the American Veterinary Medical Association</i> , 2012, 241, 1344-1347.	0.5	16
61	Oleander Toxicosis in a Donkey. <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 111.	1.6	16
62	Tissue Doppler Imaging and Gradient Echo Cardiac Magnetic Resonance Imaging in Normal Cats and Cats with Hypertrophic Cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 627.	1.6	15
63	NT-proBNP measurement fails to reliably identify subclinical hypertrophic cardiomyopathy in Maine Coon cats. <i>Journal of Feline Medicine and Surgery</i> , 2010, 12, 942-947.	1.6	14
64	The Effect of Atenolol on NT-proBNP and Troponin in Asymptomatic Cats with Severe Left Ventricular Hypertrophy because of Hypertrophic Cardiomyopathy: A Pilot Study. <i>Journal of Veterinary Internal Medicine</i> , 2011, 25, 1044-1049.	1.6	13
65	Milrinone. <i>Journal of Veterinary Internal Medicine</i> , 1990, 4, 79-86.	1.6	12
66	Eisenmenger's complex in a Holstein-Friesian cow. <i>Australian Veterinary Journal</i> , 2001, 79, 37-40.	1.1	12
67	The Acute Hemodynamic Effects of Milrinone in Dogs With Severe Idiopathic Myocardial Failure. <i>Journal of Veterinary Internal Medicine</i> , 1987, 1, 121-127.	1.6	11
68	Use of Rheolytic Thrombectomy in the Treatment of Feline Distal Aortic Thromboembolism. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 290.	1.6	11
69	Early and late global and regional left ventricular function after experimental transmural myocardial infarction: Relationships of regional wall motion, wall thickening, and global performance. <i>American Heart Journal</i> , 1987, 114, 70-78.	2.7	10
70	The Efficacy and Safety of Milrinone for Treating Heart Failure in Dogs. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 1991, 21, 905-918.	1.5	10
71	Tissue Doppler Imaging in Maine Coon Cats with a Mutation of Myosin Binding Protein C with or without Hypertrophy. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 232.	1.6	10
72	Dilated cardiomyopathy in an American Cocker Spaniel with taurine deficiency. <i>Australian Veterinary Journal</i> , 1997, 75, 862-868.	1.1	9

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73	The Feline Cardiomyopathies: 1. General concepts. Journal of Feline Medicine and Surgery, 2021, 23, 1009-1027.	1.6	9
74	Cardiac Contractility. Journal of Veterinary Internal Medicine, 1987, 1, 188-198.	1.6	8
75	Fossa ovalis tear causing right to left shunting in a Cavalier King Charles Spaniel. Journal of Veterinary Cardiology, 2012, 14, 541-545.	0.9	7
76	Naturally Occurring Biventricular Noncompaction in an Adult Domestic Cat. Journal of Veterinary Internal Medicine, 2017, 31, 527-531.	1.6	7
77	Cardiac Preload: Physiology And Clinical Implications. Journal of Veterinary Internal Medicine, 1987, 1, 81-85.	1.6	3
78	ECG of the Month. Journal of the American Veterinary Medical Association, 2013, 243, 637-639.	0.5	3
79	The Feline Cardiomyopathies: 3. Cardiomyopathies other than HCM. Journal of Feline Medicine and Surgery, 2021, 23, 1053-1067.	1.6	3
80	Efficacy of a Single Oral Dose of Isosorbide 5- $\alpha$ -Mononitrate in Normal Dogs and in Dogs with Congestive Heart Failure. Journal of Veterinary Internal Medicine, 2001, 15, 105-111.	1.6	2
81	Giant Unruptured Aneurysm of the Left Sinus of Valsalva in the Left Ventricular Outflow Tract of a Young Dog. Journal of Veterinary Internal Medicine, 2005, 19, 602-605.	1.6	2
82	ECG of the Month. Journal of the American Veterinary Medical Association, 2010, 236, 836-838.	0.5	2
83	Giant Unruptured Aneurysm of the Left Sinus of Valsalva in the Left Ventricular Outflow Tract of a Young Dog. Journal of Veterinary Internal Medicine, 2005, 19, 602.	1.6	2
84	ECG of the Month. Journal of the American Veterinary Medical Association, 2014, 244, 1258-1259.	0.5	1
85	Psychometric Properties of the Spanish Version of the Functional Evaluation of Cardiac Health Questionnaire (FETCH-Q) for Assessing Health-related Quality of Life in Dogs with Cardiac Disease. Topics in Companion Animal Medicine, 2020, 39, 100431.	0.9	1
86	Letter regarding Evaluation of bronchial narrowing in coughing dogs with heart murmurs using computed tomography. Journal of Veterinary Internal Medicine, 2021, 35, 2555-2556.	1.6	1
87	The A31P Hcm Mutation in cMyBP-C Disrupts the Structure of the CO Domain But Does Not Cause Haploinsufficiency in a Population of Older Cats Heterozygous for the A31P Allele. Biophysical Journal, 2015, 108, 200a-201a.	0.5	0
88	ECG of the Month. Journal of the American Veterinary Medical Association, 2017, 251, 1144-1146.	0.5	0
89	Letter to editor regarding Temporal changes in clinical and radiographic variables in dogs with preclinical myxomatous mitral valve disease: The EPIC study. Journal of Veterinary Internal Medicine, 2020, 34, 1368-1368.	1.6	0
90	Letter to the editor re: Echocardiographic assessment of right ventricular systolic function in boxers with arrhythmogenic right ventricular cardiomyopathy. Journal of Veterinary Cardiology, 2020, 29, 74-75.	0.9	0

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91	ECG of the Month. Journal of the American Veterinary Medical Association, 2021, 258, 957-959.	0.5	0
92	Naturally occurring torsades de pointes and QT interval prolongation in a domestic cat. Journal of Veterinary Cardiology, 2021, 35, 42-47.	0.9	0
93	The feline cardiomyopathies: a rich tapestry of disease. Journal of Feline Medicine and Surgery, 2021, 23, 1007-1007.	1.6	0