

# Akiko Uemura Dvm

## 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.

40  
papers

126  
citations

5  
h-index

9  
g-index

48  
ext. papers

217  
ext. citations

2.3  
avg, IF

2.88  
L-index

#	Paper	IF	Citations
40	Silk fibroin-Pellethane $\square$ cardiovascular patches: Effect of silk fibroin concentration on vascular remodeling in rat model. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2017</b> , 28, 191	4.5	21
39	Comparison of the knitted silk vascular grafts coated with fibroin sponges prepared using glycerin, poly(ethylene glycol diglycidyl ether) and poly(ethylene glycol) as porogens. <i>Journal of Biomaterials Applications</i> , <b>2018</b> , 32, 1239-1252	2.9	10
38	Left ventricular vortex and intraventricular pressure difference in dogs under various loading conditions. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 316, H882-H888	5.2	10
37	Tissue Harvesting Site Effect on the Canine Adipose Stromal Vascular Fraction Quantity and Quality. <i>Animals</i> , <b>2021</b> , 11,	3.1	7
36	Effect of Loading Changes on the Intraventricular Pressure Measured by Color M-Mode Echocardiography in Rats. <i>Diagnostics</i> , <b>2021</b> , 11,	3.8	6
35	Key Factors of diastolic dysfunction and abnormal left ventricular relaxation in diabetic rats. <i>Journal of Medical Ultrasonics (2001)</i> , <b>2020</b> , 47, 347-356	1.4	5
34	Changes in left ventricular blood flow during diastole due to differences in chamber size in healthy dogs. <i>Scientific Reports</i> , <b>2020</b> , 10, 1106	4.9	5
33	Effective new membrane for preventing postthoracotomy pleural adhesion by surface water induction technology. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179815	3.7	5
32	RENOVASCULAR HYPERTENSION-INDUCED CARDIAC CHANGES IN A RAT MODEL: FEASIBILITY OF CONVENTIONAL AND RECENT ECHOCARDIOGRAPHY. <i>Journal of Hypertension</i> , <b>2021</b> , 39, e403-e404	1.9	5
31	Elucidation of the time-dependent degradation process in insoluble hyaluronic acid formulations with a controlled degradation rate. <i>Journal of Tissue Engineering</i> , <b>2019</b> , 10, 2041731419885032	7.5	5
30	Intraventricular pressure gradients change during the development of left ventricular hypertrophy: Effect of salvianolic acid B and beta-blocker. <i>Ultrasound</i> , <b>2021</b> , 29, 229-240	1.3	5
29	Metformin prevents the development of monocrotaline-induced pulmonary hypertension by decreasing serum levels of big endothelin-1. <i>Experimental and Therapeutic Medicine</i> , <b>2020</b> , 20, 149	2.1	4
28	The Utility of Intraventricular Pressure Gradient for Early Detection of Chemotherapy-Induced Subclinical Cardiac Dysfunction in Dogs. <i>Animals</i> , <b>2021</b> , 11,	3.1	4
27	Changes in the Pulmonary Artery Wave Reflection in Dogs with Experimentally-Induced Acute Pulmonary Embolism and the Effect of Vasodilator. <i>Animals</i> , <b>2021</b> , 11,	3.1	4
26	Development of an Anti-Adhesive Membrane for Use in Video-Assisted Thoracic Surgery. <i>International Journal of Medical Sciences</i> , <b>2018</b> , 15, 689-695	3.7	4
25	Contrasting Effects of Inhibition of Phosphodiesterase 3 and 5 on Cardiac Function and Interstitial Fibrosis in Rats With Isoproterenol-Induced Cardiac Dysfunction. <i>Journal of Cardiovascular Pharmacology</i> , <b>2019</b> , 73, 195-205	3.1	3
24	Combined cutting balloon and conventional balloon angioplasty in a dog with supravalvular pulmonary stenosis. <i>Journal of Veterinary Medical Science</i> , <b>2018</b> , 80, 1754-1757	1.1	3

23	Evaluation of Changes in the Cardiac Function before and after Transcatheter Edge-to-Edge Mitral Valve Repair in Healthy Dogs: Conventional and Novel Echocardiography.. <i>Animals</i> , <b>2021</b> , 12,	3.1	3
22	Silk fibroin-based vascular repairing sheet with angiogenic-promoting activity of SVVYGLR peptide regenerated the damaged vascular in rats. <i>Journal of Biomaterials Applications</i> , <b>2020</b> , 885328220928660 <sup>2-9</sup>		2
21	Non-invasive Assessment of Pulmonary Artery Wave Reflection in Dogs With Suspected Pulmonary Hypertension. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 659194	3.1	2
20	Assessment of the subcutaneous degradation process of insoluble hyaluronic acid in rats. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 505, 511-515	3.4	2
19	Utility of Lung Ultrasonography for Detection of Pleural Adhesions in Dogs. <i>Journal of Ultrasound in Medicine</i> , <b>2018</b> , 37, 1193-1198	2.9	1
18	Hybrid surgical treatment for 2 feline cases of intrahepatic shunt. <i>Canadian Veterinary Journal</i> , <b>2018</b> , 59, 47-51	0.5	1
17	Autologous tunica vaginalis communis flap for repairing an abdominal wall hernia in a dog. <i>Canadian Veterinary Journal</i> , <b>2021</b> , 62, 393-396	0.5	1
16	Effects of Individual and Coexisting Diabetes and Cardiomyopathy on Diastolic Function in Rats (). <i>Comparative Medicine</i> , <b>2020</b> , 70, 499-509	1.6	1
15	Expression of cardiac copper chaperone encoding genes and their correlation with cardiac function parameters in goats. <i>Veterinary Research Communications</i> , <b>2021</b> , 45, 305-317	2.9	1
14	Hybrid balloon dilation treatment for cor triatriatum dexter in a small breed puppy. <i>Journal of Veterinary Science</i> , <b>2019</b> , 20, e49	1.6	1
13	Transoesophageal echocardiography-guided hybrid balloon valvuloplasty for severe pulmonic stenosis in small dogs. <i>Journal of the South African Veterinary Association</i> , <b>2021</b> , 92, e1-e5	0.8	1
12	Role of Two-Dimensional Speckle-Tracking Echocardiography in Early Detection of Left Ventricular Dysfunction in Dogs. <i>Animals</i> , <b>2021</b> , 11,	3.1	1
11	Clip ligation for treatment of patent ductus arteriosus occlusion in three cats.. <i>Journal of Veterinary Science</i> , <b>2022</b> ,	1.6	1
10	Self-expanding tracheal stent placement in a cat with primary tracheal collapse.. <i>Veterinary Medicine and Science</i> , <b>2022</b> ,	2.1	0
9	Unruptured right sinus of Valsalva aneurysm in a Maltese dog: a case report. <i>Journal of Veterinary Science</i> , <b>2019</b> , 20, e20	1.6	
8	Balloon valvuloplasty in two dogs with aortic valve stenosis showing congestive heart failure. <i>Veterinarni Medicina</i> , <b>2020</b> , 65, 89-94	0.7	
7	Basic study on improvement of plastic drape adhesion for surgery: effect of adhesive layer thickness on drape detachment from wound edge. <i>ANZ Journal of Surgery</i> , <b>2020</b> , 90, 1025-1029	1	
6	Hybrid technique coil embolisation for intrahepatic arterioportal fistula in a cat: case report. <i>Journal of Feline Medicine and Surgery Open Reports</i> , <b>2016</b> , 2, 2055116916642256	0.5	

5	Hybrid Surgical Approach Using Amplatzer Occluder for Treatment of VSD in a Cat. <i>Macedonian Veterinary Review</i> , <b>2017</b> , 40, 183-187	0.5
4	Intrathoracic retention of insoluble hyaluronic acid and its absorption process in rats. <i>International Journal of Artificial Organs</i> , <b>2020</b> , 43, 283-287	1.9
3	Cardiomyopathy in a dog with multicentric lymphoma following treatment with several anthracyclines. <i>Open Veterinary Journal</i> , <b>2021</b> , 11, 6-10	1
2	Estimation of Pulmonary Arterial Wave Reflection by Echo-Doppler: A Preliminary Study in Dogs With Experimentally-Induced Acute Pulmonary Embolism.. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 752550	4.6
1	Successful ligation of the left and right gastric vein in a dog with congenital portosystemic shunts type Aii.. <i>Canadian Veterinary Journal</i> , <b>2022</b> , 63, 143-146	0.5