

# Kazumi Shimada

## List of Publications by Year in descending order

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35  
papers

405  
citations

1162889

8  
h-index

887953

17  
g-index

35  
all docs

35  
docs citations

35  
times ranked

226  
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart/stimuli-responsive hydrogels: Cutting-edge platforms for tissue engineering and other biomedical applications. <i>Materials Today Bio</i> , 2022, 13, 100186.	2.6	129
2	Silk fibroin-Pellethane® cardiovascular patches: Effect of silk fibroin concentration on vascular remodeling in rat model. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 191.	1.7	37
3	Left ventricular vortex and intraventricular pressure difference in dogs under various loading conditions. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H882-H888.	1.5	18
4	Effect of Loading Changes on the Intraventricular Pressure Measured by Color M-Mode Echocardiography in Rats. <i>Diagnostics</i> , 2021, 11, 1403.	1.3	18
5	The effect of a silk Fibroin/Polyurethane blend patch on rat Vessels. <i>Organogenesis</i> , 2017, 13, 115-124.	0.4	17
6	Metformin prevents the development of monocrotaline-induced pulmonary hypertension by decreasing serum levels of big endothelin-1. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 149.	0.8	15
7	The relationship between systolic vector flow mapping parameters and left ventricular cardiac function in healthy dogs. <i>Heart and Vessels</i> , 2018, 33, 549-560.	0.5	14
8	Changes in left ventricular blood flow during diastole due to differences in chamber size in healthy dogs. <i>Scientific Reports</i> , 2020, 10, 1106.	1.6	12
9	Changes in the Pulmonary Artery Wave Reflection in Dogs with Experimentally-Induced Acute Pulmonary Embolism and the Effect of Vasodilator. <i>Animals</i> , 2021, 11, 1977.	1.0	12
10	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> , 2022, 12, 56.	1.0	12
11	Dose-dependent effects of isoflurane and dobutamine on cardiovascular function in dogs with experimental mitral regurgitation. <i>Veterinary Anaesthesia and Analgesia</i> , 2018, 45, 432-442.	0.3	11
12	Intraventricular pressure gradients change during the development of left ventricular hypertrophy: Effect of salvianolic acid B and beta-blocker. <i>Ultrasound</i> , 2021, 29, 1742271X2098758.	0.3	11
13	Role of Two-Dimensional Speckle-Tracking Echocardiography in Early Detection of Left Ventricular Dysfunction in Dogs. <i>Animals</i> , 2021, 11, 2361.	1.0	11
14	The Utility of Intraventricular Pressure Gradient for Early Detection of Chemotherapy-Induced Subclinical Cardiac Dysfunction in Dogs. <i>Animals</i> , 2021, 11, 1122.	1.0	10
15	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> , 2019, 73, 195-205.	0.8	9
16	Key factors of diastolic dysfunction and abnormal left ventricular relaxation in diabetic rats. <i>Journal of Medical Ultrasonics</i> (2001), 2020, 47, 347-356.	0.6	9
17	A Comparative Study of the Effect of Anatomical Site on Multiple Differentiation of Adipose-Derived Stem Cells in Rats. <i>Cells</i> , 2021, 10, 2469.	1.8	7
18	Silk fibroin-based vascular repairing sheet with angiogenic-promoting activity of SWYGLR peptide regenerated the damaged vascular in rats. <i>Journal of Biomaterials Applications</i> , 2020, , 088532822092866.	1.2	6

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19	The utility of electrocardiography and echocardiography in copper deficiency-induced cardiac damage in goats. <i>Environmental Science and Pollution Research</i> , 2021, 28, 7815-7827.	2.7	6
20	Serum Proteomic Changes in Dogs with Different Stages of Chronic Heart Failure. <i>Animals</i> , 2022, 12, 490.	1.0	6
21	Monthly Dynamics of Plasma Elements, Hematology, Oxidative Stress Markers, and Hormonal Concentrations in Growing Male Shiba Goats ( <i>Capra hircus</i> ) Reared in Tokyo-Japan. <i>Animals</i> , 2022, 12, 645.	1.0	5
22	Combined cutting balloon and conventional balloon angioplasty in a dog with supra-ventricular pulmonary stenosis. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 1754-1757.	0.3	4
23	Canine case of swallowing syncope that improved after pacemaker implantation. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 460-464.	0.3	4
24	Clip ligation for treatment of patent ductus arteriosus occlusion in three cats. <i>Journal of Veterinary Science</i> , 2022, 23, .	0.5	4
25	Color M-Mode Echocardiography for Non-Invasive Assessment of the Intraventricular Pressure in Dogs Before and After Ductus Arteriosus Occlusion: A Retrospective Study. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	4
26	Experimental model of oral transmissible AA amyloidosis in quails. <i>Avian Pathology</i> , 2019, 48, 521-527.	0.8	3
27	A novel gradient and multilayered sheet with a silk fibroin/polyvinyl alcohol core-shell structure for bioabsorbable arterial grafts. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, , .	2.1	3
28	Effects of postural change on transesophageal echocardiography views and parameters in healthy dogs. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 380-386.	0.3	2
29	Measurement of Pulmonary Artery Wave Reflection Before and After Mitral Valvuloplasty in Canine Patients With Pulmonary Hypertension Caused by Myxomatous Mitral Valve Disease. <i>Frontiers in Veterinary Science</i> , 2021, 8, 773035.	0.9	2
30	Heterogeneity of adipose stromal vascular fraction cells from the different harvesting sites in rats. <i>Anatomical Record</i> , 2022, , .	0.8	2
31	Effects of high-dose alacepril on left atrial pressure and central aortic pressure in awake dogs with mitral valve regurgitation. <i>Veterinary Journal</i> , 2019, 245, 7-11.	0.6	1
32	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> , 2020, 90, 1025-1029.	0.3	1
33	Balloon valvuloplasty in two dogs with aortic valve stenosis showing congestive heart failure. <i>Veterinari Medicina</i> , 2020, 65, 89-94.	0.2	0
34	Bakteriyel Asit Bakteriye Karşı Solunum Alloskan ile Diabetes Mellitus Oluşturulmuş Ratlarda Hiperglisemiye Neden Olur. <i>Kafkas Üniversitesi Veteriner Fakültesi Dergisi</i> , 2021, , .	0.0	0
35	Successful ligation of the left and right gastric vein in a dog with congenital portosystemic shunts type Aii. <i>Canadian Veterinary Journal</i> , 2022, 63, 143-146.	0.0	0