# Katashi Okoshi

## List of Publications by Citations



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| 163 papers | 2,443 citations | 28 h-index | 39 g-index |
| 183 ext. papers | 2,844 ext. citations | 3 avg, IF | 4.55 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 163 | Skeletal muscle aging: influence of oxidative stress and physical exercise. *Oncotarget*, **2017**, 8, 20428-20440 | 5.5 | 123 |
| 162 | Influence of rutin treatment on biochemical alterations in experimental diabetes. *Biomedicine and Pharmacotherapy*, **2010**, 64, 214-9 | 7.5 | 98 |
| 161 | Heterozygous knockout of neuregulin-1 gene in mice exacerbates doxorubicin-induced heart failure. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 289, H660-6 | 5.2 | 87 |
| 160 | Aldosterone directly stimulates cardiac myocyte hypertrophy. *Journal of Cardiac Failure*, **2004**, 10, 511-8 | 3.3 | 75 |
| 159 | Cardiac remodeling in a rat model of diet-induced obesity. *Canadian Journal of Cardiology*, **2010**, 26, 423-8 | 3.8 | 67 |
| 158 | Neuregulins regulate cardiac parasympathetic activity: muscarinic modulation of beta-adrenergic activity in myocytes from mice with neuregulin-1 gene deletion. *Circulation*, **2004**, 110, 713-7 | 16.7 | 55 |
| 157 | Echocardiographic detection of congestive heart failure in postinfarction rats. *Journal of Applied Physiology*, **2011**, 111, 543-51 | 3.7 | 49 |
| 156 | Long-term low intensity physical exercise attenuates heart failure development in aging spontaneously hypertensive rats. *Cellular Physiology and Biochemistry*, **2015**, 36, 61-74 | 3.9 | 41 |
| 155 | Heart failure-induced skeletal myopathy in spontaneously hypertensive rats. *International Journal of Cardiology*, **2013**, 167, 698-703 | 3.2 | 40 |
| 154 | Aerobic exercise training prevents heart failure-induced skeletal muscle atrophy by anti-catabolic, but not anabolic actions. *PLoS ONE*, **2014**, 9, e110020 | 3.7 | 38 |
| 153 | AT1 receptor blockade attenuates insulin resistance and myocardial remodeling in rats with diet-induced obesity. *PLoS ONE*, **2014**, 9, e86447 | 3.7 | 36 |
| 152 | Ventricular remodeling induced by retinoic acid supplementation in adult rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2003**, 284, H2242-6 | 5.2 | 35 |
| 151 | Diabetes mellitus activates fetal gene program and intensifies cardiac remodeling and oxidative stress in aged spontaneously hypertensive rats. *Cardiovascular Diabetology*, **2013**, 12, 152 | 8.7 | 32 |
| 150 | Rutin administration attenuates myocardial dysfunction in diabetic rats. *Cardiovascular Diabetology*, **2015**, 14, 90 | 8.7 | 31 |
| 149 | Apocynin influence on oxidative stress and cardiac remodeling of spontaneously hypertensive rats with diabetes mellitus. *Cardiovascular Diabetology*, **2016**, 15, 126 | 8.7 | 31 |
| 148 | Heart failure-induced diaphragm myopathy. *Cellular Physiology and Biochemistry*, **2014**, 34, 333-45 | 3.9 | 30 |
| 147 | Tomato (Lycopersicon esculentum) or lycopene supplementation attenuates ventricular remodeling after myocardial infarction through different mechanistic pathways. *Journal of Nutritional Biochemistry*, **2017**, 46, 117-124 | 6.3 | 30 |

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| 146 | Myocardial function during chronic food restriction in isolated hypertrophied cardiac muscle. *American Journal of the Medical Sciences*, **2000**, 320, 244-8 | 2.2 | 30 |
| 145 | Influence of N- acetylcysteine on oxidative stress in slow-twitch soleus muscle of heart failure rats. *Cellular Physiology and Biochemistry*, **2015**, 35, 148-59 | 3.9 | 29 |
| 144 | Low Intensity Physical Exercise Attenuates Cardiac Remodeling and Myocardial Oxidative Stress and Dysfunction in Diabetic Rats. *Journal of Diabetes Research*, **2015**, 2015, 457848 | 3.9 | 29 |
| 143 | Long-term high-fat diet-induced obesity decreases the cardiac leptin receptor without apparent lipotoxicity. *Life Sciences*, **2011**, 88, 1031-8 | 6.8 | 29 |
| 142 | Influence of apocynin on cardiac remodeling in rats with streptozotocin-induced diabetes mellitus. *Cardiovascular Diabetology*, **2018**, 17, 15 | 8.7 | 28 |
| 141 | Aldosterone blockade reduces mortality without changing cardiac remodeling in spontaneously hypertensive rats. *Cellular Physiology and Biochemistry*, **2013**, 32, 1275-87 | 3.9 | 28 |
| 140 | Critical infarct size to induce ventricular remodeling, cardiac dysfunction and heart failure in rats. *International Journal of Cardiology*, **2011**, 151, 242-3 | 3.2 | 28 |
| 139 | Pressure overload-induced hypertrophy in transgenic mice selectively overexpressing AT2 receptors in ventricular myocytes. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 294, H1274-81 | 5.2 | 28 |
| 138 | Beta-carotene supplementation attenuates cardiac remodeling induced by one-month tobacco-smoke exposure in rats. *Toxicological Sciences*, **2006**, 90, 259-66 | 4.4 | 28 |
| 137 | Food restriction induces in vivo ventricular dysfunction in spontaneously hypertensive rats without impairment of in vitro myocardial contractility. *Brazilian Journal of Medical and Biological Research*, **2004**, 37, 607-13 | 2.8 | 28 |
| 136 | Beneficial Effects of Physical Exercise on Functional Capacity and Skeletal Muscle Oxidative Stress in Rats with Aortic Stenosis-Induced Heart Failure. *Oxidative Medicine and Cellular Longevity*, **2016**, 2016, 8695716 | 6.7 | 28 |
| 135 | Early Spironolactone Treatment Attenuates Heart Failure Development by Improving Myocardial Function and Reducing Fibrosis in Spontaneously Hypertensive Rats. *Cellular Physiology and Biochemistry*, **2015**, 36, 1453-66 | 3.9 | 27 |
| 134 | Regulation of cardiac microRNAs induced by aerobic exercise training during heart failure. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 309, H1629-41 | 5.2 | 27 |
| 133 | Food restriction-induced myocardial dysfunction demonstrated by the combination of in vivo and in vitro studies. *Nutrition Research*, **2002**, 22, 1353-1364 | 4 | 27 |
| 132 | Modulation of MAPK and NF-954;B Signaling Pathways by Antioxidant Therapy in Skeletal Muscle of Heart Failure Rats. *Cellular Physiology and Biochemistry*, **2016**, 39, 371-84 | 3.9 | 26 |
| 131 | The impact of renewable energy diffusion on European consumption-based emissions This article is a revised version of the paper that won the Wassily Leontief Memorial Prize 2015, for the best paper by authors younger than 40 submitted to the 23rd International Input Output Conference, in Mexico City.View all notes. *Economic Systems Research*, **2016**, 28, 133-150 | 2.1 | 26 |
| 130 | Myostatin and follistatin expression in skeletal muscles of rats with chronic heart failure. *International Journal of Experimental Pathology*, **2010**, 91, 54-62 | 2.8 | 26 |
| 129 | Improved systolic ventricular function with normal myocardial mechanics in compensated cardiac hypertrophy. *International Heart Journal*, **2004**, 45, 647-56 | | 26 |

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| 128 | Mechanical, biochemical, and morphological changes in the heart from chronic food-restricted rats. *Canadian Journal of Physiology and Pharmacology*, **2001**, 79, 754-760 | 2.4 | 25 |
| 127 | Combined exercise training in asymptomatic elderly with controlled hypertension: effects on functional capacity and cardiac diastolic function. *Medical Science Monitor*, **2012**, 18, CR461-5 | 3.2 | 25 |
| 126 | Long-term obesity promotes alterations in diastolic function induced by reduction of phospholamban phosphorylation at serine-16 without affecting calcium handling. *Journal of Applied Physiology*, **2014**, 117, 669-78 | 3.7 | 24 |
| 125 | Diet-induced obesity causes metabolic, endocrine and cardiac alterations in spontaneously hypertensive rats. *Medical Science Monitor*, **2010**, 16, BR367-73 | 3.2 | 24 |
| 124 | Extensive impact of saturated fatty acids on metabolic and cardiovascular profile in rats with diet-induced obesity: a canonical analysis. *Cardiovascular Diabetology*, **2013**, 12, 65 | 8.7 | 23 |
| 123 | The influence of temporal food restriction on the performance of isolated cardiac muscle. *Nutrition Research*, **2001**, 21, 639-648 | 4 | 23 |
| 122 | N-Acetylcysteine Influence on Oxidative Stress and Cardiac Remodeling in Rats During Transition from Compensated Left Ventricular Hypertrophy to Heart Failure. *Cellular Physiology and Biochemistry*, **2017**, 44, 2310-2321 | 3.9 | 22 |
| 121 | Growth hormone and heart failure: oxidative stress and energetic metabolism in rats. *Growth Hormone and IGF Research*, **2008**, 18, 275-83 | 2 | 22 |
| 120 | Myocardial dysfunction induced by food restriction is related to morphological damage in normotensive middle-aged rats. *Journal of Biomedical Science*, **2005**, 12, 641-9 | 13.3 | 22 |
| 119 | Heart failure-induced cachexia. *Arquivos Brasileiros De Cardiologia*, **2013**, 100, 476-82 | 1.2 | 22 |
| 118 | Chronic heart failure-induced skeletal muscle atrophy, necrosis, and changes in myogenic regulatory factors. *Medical Science Monitor*, **2010**, 16, BR374-83 | 3.2 | 20 |
| 117 | Behavior of cardiac variables in animals exposed to cigarette smoke. *Arquivos Brasileiros De Cardiologia*, **2003**, 81, 221-8 | 1.2 | 18 |
| 116 | Ventricular remodeling and diastolic myocardial dysfunction in rats submitted to protein-calorie malnutrition. *American Journal of Physiology - Heart and Circulatory Physiology*, **2002**, 282, H1327-33 | 5.2 | 18 |
| 115 | Saturated high-fat diet-induced obesity increases adenylate cyclase of myocardial β-adrenergic system and does not compromise cardiac function. *Physiological Reports*, **2016**, 4, e12914 | 2.6 | 17 |
| 114 | Doppler echocardiography in athletes from different sports. *Medical Science Monitor*, **2013**, 19, 187-93 | 3.2 | 17 |
| 113 | Green tea (Cammellia sinensis) attenuates ventricular remodeling after experimental myocardial infarction. *International Journal of Cardiology*, **2016**, 225, 147-153 | 3.2 | 17 |
| 112 | Effects of late exercise on cardiac remodeling and myocardial calcium handling proteins in rats with moderate and large size myocardial infarction. *International Journal of Cardiology*, **2016**, 221, 406-12 | 3.2 | 16 |
| 111 | Nutritional and cardiovascular profiles of normotensive and hypertensive rats kept on a high fat diet. *Arquivos Brasileiros De Cardiologia*, **2009**, 93, 526-33 | 1.2 | 16 |

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| 110 | Percentile curves of normal values of echocardiographic measurements in normal children from the central-southern region of the State of São Paulo, Brazil. *Arquivos Brasileiros De Cardiologia*, **2006**, 87, 711-21 | 1.2 | 16 |
| 109 | Myocardial myostatin in spontaneously hypertensive rats with heart failure. *International Journal of Cardiology*, **2016**, 215, 384-7 | 3.2 | 16 |
| 108 | Cardiovascular assessment of patients with Ullrich-Turner Syndrome on Doppler echocardiography and magnetic resonance imaging. *Arquivos Brasileiros De Cardiologia*, **2002**, 78, 51-8 | 1.2 | 15 |
| 107 | Exercise during transition from compensated left ventricular hypertrophy to heart failure in aortic stenosis rats. *Journal of Cellular and Molecular Medicine*, **2019**, 23, 1235-1245 | 5.6 | 15 |
| 106 | High-fat Diet Promotes Cardiac Remodeling in an Experimental Model of Obesity. *Arquivos Brasileiros De Cardiologia*, **2015**, 105, 479-86 | 1.2 | 14 |
| 105 | Myocardial contractile dysfunction contributes to the development of heart failure in rats with aortic stenosis. *International Journal of Cardiology*, **2007**, 117, 109-14 | 3.2 | 14 |
| 104 | Influence of fluid volume variations on the calculated value of the left ventricular mass measured by echocardiogram in patients submitted to hemodialysis. *Renal Failure*, **2003**, 25, 43-53 | 2.9 | 14 |
| 103 | Association between atherosclerotic aortic plaques and left ventricular hypertrophy in patients with cerebrovascular events. *Stroke*, **2006**, 37, 958-62 | 6.7 | 13 |
| 102 | Landscape of heart proteome changes in a diet-induced obesity model. *Scientific Reports*, **2019**, 9, 18050 | 4.9 | 13 |
| 101 | Prevalence and predictors of ventricular remodeling after anterior myocardial infarction in the era of modern medical therapy. *Medical Science Monitor*, **2012**, 18, CR276-81 | 3.2 | 12 |
| 100 | Fractal Dimension in Quantifying Experimental-Pulmonary-Hypertension-Induced Cardiac Dysfunction in Rats. *Arquivos Brasileiros De Cardiologia*, **2016**, 107, 33-9 | 1.2 | 12 |
| 99 | Effects of aerobic and resistance exercise on cardiac remodelling and skeletal muscle oxidative stress of infarcted rats. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 5352-5362 | 5.6 | 12 |
| 98 | Influence of intermittent fasting on myocardial infarction-induced cardiac remodeling. *BMC Cardiovascular Disorders*, **2019**, 19, 126 | 2.3 | 11 |
| 97 | Acute coronary syndrome associated with continuous 5-Fluorouracil infusion in a patient with metastatic colorectal cancer-a case report with a discussion on this clinical dilemma. *Journal of Gastrointestinal Cancer*, **2009**, 40, 133-7 | 1.6 | 11 |
| 96 | Echocardiography in thalassemic patients on blood transfusions and chelation without heart failure. *Arquivos Brasileiros De Cardiologia*, **2013**, 100, 75-81 | 1.2 | 11 |
| 95 | Metalloproteinases-2 and -9 predict left ventricular remodeling after myocardial infarction. *Arquivos Brasileiros De Cardiologia*, **2013**, 100, 315-21 | 1.2 | 11 |
| 94 | Periostin as a modulator of chronic cardiac remodeling after myocardial infarction. *Clinics*, **2013**, 68, 1344-9 | 1.9 | 11 |
| 93 | Zinc Supplementation Attenuates Cardiac Remodeling After Experimental Myocardial Infarction. *Cellular Physiology and Biochemistry*, **2018**, 50, 353-362 | 3.9 | 11 |

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| 92 | Preventive aerobic training exerts a cardioprotective effect on rats treated with monocrotaline. *International Journal of Experimental Pathology*, **2016**, 97, 238-47 | 2.8 | 10 |
| 91 | Low-intensity aerobic exercise improves cardiac remodelling of adult spontaneously hypertensive rats. *Journal of Cellular and Molecular Medicine*, **2019**, 23, 6504-6507 | 5.6 | 10 |
| 90 | Delayed rather than early exercise training attenuates ventricular remodeling after myocardial infarction. *International Journal of Cardiology*, **2013**, 170, e3-4 | 3.2 | 10 |
| 89 | Tomato (Lycopersicon esculentum) Supplementation Induces Changes in Cardiac miRNA Expression, Reduces Oxidative Stress and Left Ventricular Mass, and Improves Diastolic Function. *Nutrients*, **2015**, 7, 9640-9 | 6.7 | 10 |
| 88 | Exercise tolerance in rats with aortic stenosis and ventricular diastolic and/or systolic dysfunction. *Arquivos Brasileiros De Cardiologia*, **2013**, 100, 44-51 | 1.2 | 10 |
| 87 | Growth hormone attenuates skeletal muscle changes in experimental chronic heart failure. *Growth Hormone and IGF Research*, **2010**, 20, 149-55 | 2 | 10 |
| 86 | Rosemary supplementation (Rosmarinus oficinallis L.) attenuates cardiac remodeling after myocardial infarction in rats. *PLoS ONE*, **2017**, 12, e0177521 | 3.7 | 10 |
| 85 | Influence of different doses of retinoic acid on cardiac remodeling. *Nutrition*, **2011**, 27, 824-8 | 4.8 | 9 |
| 84 | Growth hormone attenuates myocardial fibrosis in rats with chronic pressure overload-induced left ventricular hypertrophy. *Clinical and Experimental Pharmacology and Physiology*, **2009**, 36, 325-30 | 3 | 9 |
| 83 | Heart remodeling produced by aortic stenosis promotes cardiomyocyte apoptosis mediated by collagen V imbalance. *Pathophysiology*, **2018**, 25, 373-379 | 1.8 | 8 |
| 82 | Taurine attenuates cardiac remodeling after myocardial infarction. *International Journal of Cardiology*, **2013**, 168, 4925-6 | 3.2 | 8 |
| 81 | Predictors of right ventricle dysfunction after anterior myocardial infarction. *Canadian Journal of Cardiology*, **2012**, 28, 438-42 | 3.8 | 8 |
| 80 | Myocardial remodeling and dysfunction are induced by chronic food restriction in spontaneously hypertensive rats. *Nutrition Research*, **2006**, 26, 567-572 | 4 | 8 |
| 79 | Myocardial Function during Chronic Food Restriction in Isolated Hypertrophied Cardiac Muscle. *American Journal of the Medical Sciences*, **2000**, 320, 244-248 | 2.2 | 8 |
| 78 | Association of pre and intraoperative variables with postoperative complications in coronary artery bypass graft surgery. *Brazilian Journal of Cardiovascular Surgery*, **2013**, 28, 518-23 | 1.1 | 8 |
| 77 | Differential nutritional, endocrine, and cardiovascular effects in obesity-prone and obesity-resistant rats fed standard and hypercaloric diets. *Medical Science Monitor*, **2010**, 16, BR208-17 | 3.2 | 8 |
| 76 | Chronic stress improves the myocardial function without altering L-type Ca+2 channel activity in rats. *Arquivos Brasileiros De Cardiologia*, **2012**, 99, 907-14 | 1.2 | 7 |
| 75 | Waist circumference, but not body mass index, is a predictor of ventricular remodeling after anterior myocardial infarction. *Nutrition*, **2013**, 29, 122-6 | 4.8 | 7 |

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| 74 | Is 44-hour better than 24-hour ambulatory blood pressure monitoring in hemodialysis?. *Kidney and Blood Pressure Research*, **2006**, 29, 273-9 | 3.1 | 7 |
| 73 | Early echocardiographic predictors of increased left ventricular end-diastolic pressure three months after myocardial infarction in rats. *Medical Science Monitor*, **2012**, 18, BR253-8 | 3.2 | 7 |
| 72 | Aerobic training attenuates nicotinic acethylcholine receptor changes in the diaphragm muscle during heart failure. *Histology and Histopathology*, **2015**, 30, 801-11 | 1.4 | 7 |
| 71 | Association between Functional Variables and Heart Failure after Myocardial Infarction in Rats. *Arquivos Brasileiros De Cardiologia*, **2016**, 106, 105-12 | 1.2 | 7 |
| 70 | Skipping breakfast concomitant with late-night dinner eating is associated with worse outcomes following ST-segment elevation myocardial infarction. *European Journal of Preventive Cardiology*, **2020**, 27, 2311-2313 | 3.9 | 7 |
| 69 | Cardiac function and intracellular Ca2+ handling proteins are not impaired by high-saturated-fat diet-induced obesity. *Brazilian Journal of Medical and Biological Research*, **2019**, 52, e8085 | 2.8 | 6 |
| 68 | Spondias mombin L. attenuates ventricular remodelling after myocardial infarction associated with oxidative stress and inflammatory modulation. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 7862-7872 | 5.6 | 6 |
| 67 | Pathological hypertrophy and cardiac dysfunction are linked to aberrant endogenous unsaturated fatty acid metabolism. *PLoS ONE*, **2018**, 13, e0193553 | 3.7 | 6 |
| 66 | Vitamin D supplementation intensifies cardiac remodeling after experimental myocardial infarction. *International Journal of Cardiology*, **2014**, 176, 1225-6 | 3.2 | 6 |
| 65 | Relevance of the ventricular remodeling pattern in the model of myocardial infarction in rats. *Arquivos Brasileiros De Cardiologia*, **2010**, 95, 635-9 | 1.2 | 6 |
| 64 | Follow-up study of morphology and cardiac function in rats undergoing induction of supravalvular aortic stenosis. *Arquivos Brasileiros De Cardiologia*, **2003**, 81, 569-75, 562-8 | 1.2 | 6 |
| 63 | Intermittent Fasting Attenuates Exercise Training-Induced Cardiac Remodeling. *Arquivos Brasileiros De Cardiologia*, **2020**, 115, 184-193 | 1.2 | 6 |
| 62 | Malaria and vascular endothelium. *Arquivos Brasileiros De Cardiologia*, **2014**, 103, 165-9 | 1.2 | 6 |
| 61 | Effects of early aldosterone antagonism on cardiac remodeling in rats with aortic stenosis-induced pressure overload. *International Journal of Cardiology*, **2016**, 222, 569-575 | 3.2 | 6 |
| 60 | Effects of AT1 receptor antagonism on interstitial and ultrastructural remodeling of heart in response to a hypercaloric diet. *Physiological Reports*, **2019**, 7, e13964 | 2.6 | 5 |
| 59 | Pamidronate attenuates diastolic dysfunction induced by myocardial infarction associated with changes in geometric patterning. *Cellular Physiology and Biochemistry*, **2015**, 35, 259-69 | 3.9 | 5 |
| 58 | Tachycardia-induced cardiomyopathy. *BMJ Case Reports*, **2012**, 2012, | 0.9 | 5 |
| 57 | Impact of hypertension on ventricular remodeling in patients with aortic stenosis. *Arquivos Brasileiros De Cardiologia*, **2011**, 97, 254-9 | 1.2 | 5 |

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| 56 | Prevalence of metabolic syndrome in Japanese-Brazilians according to specific definitions for ethnicity. *Metabolic Syndrome and Related Disorders*, **2010**, 8, 143-8 | 2.6 | 5 |
| 55 | Relative role of left ventricular geometric remodeling and of morphological and functional myocardial remodeling in the transition from compensated hypertrophy to heart failure in rats with supravalvar aortic stenosis. *Arquivos Brasileiros De Cardiologia*, **2007**, 88, 225-33 | 1.2 | 5 |
| 54 | Respiratory pressures and expiratory peak flow rate of patients undergoing coronary artery bypass graft surgery. *Medical Science Monitor*, **2012**, 18, CR558-63 | 3.2 | 5 |
| 53 | Volume overload influence on hypertrophied myocardium function. *International Heart Journal*, **2002**, 43, 689-95 | | 5 |
| 52 | Temporal Measures in Cardiac Structure and Function During the Development of Obesity Induced by Different Types of Western Diet in a Rat Model. *Nutrients*, **2019**, 12, | 6.7 | 5 |
| 51 | Cardiovascular changes in patients with non-severe malaria. *IJC Heart and Vasculature*, **2016**, 11, 12-16 | 2.4 | 5 |
| 50 | Gastrointestinal changes associated to heart failure. *Arquivos Brasileiros De Cardiologia*, **2012**, 98, 273-7 | 1.2 | 5 |
| 49 | Association between echocardiographic structural parameters and body weight in Wistar rats. *Oncotarget*, **2017**, 8, 26100-26105 | 3.3 | 4 |
| 48 | Cardiac remodeling induced by 13-cis retinoic acid treatment in acne patients. *International Journal of Cardiology*, **2013**, 163, 68-71 | 3.2 | 4 |
| 47 | Echocardiographic predictors of ventricular remodeling after acute myocardial infarction in rats. *Arquivos Brasileiros De Cardiologia*, **2011**, 97, 502-6 | 1.2 | 4 |
| 46 | Food restriction impairs myocardial inotropic response to calcium and beta-adrenergic stimulation in spontaneously hypertensive rats. *Nutrition Research*, **2008**, 28, 722-7 | 4 | 4 |
| 45 | Mechanisms involved in the beneficial effects of spironolactone after myocardial infarction. *PLoS ONE*, **2013**, 8, e76866 | 3.7 | 4 |
| 44 | Generalized edema and hyperdynamic circulation. A possible case of beriberi. *Arquivos Brasileiros De Cardiologia*, **2004**, 83, 176-8; 173-5 | 1.2 | 4 |
| 43 | Effects of growth hormone on cardiac remodeling and soleus muscle in rats with aortic stenosis-induced heart failure. *Oncotarget*, **2017**, 8, 83009-83021 | 3.3 | 4 |
| 42 | Frequency of Subclinical Atherosclerosis in Brazilian HIV-Infected Patients. *Arquivos Brasileiros De Cardiologia*, **2018**, 110, 402-410 | 1.2 | 4 |
| 41 | Infarct size as predictor of systolic functional recovery after myocardial infarction. *Arquivos Brasileiros De Cardiologia*, **2014**, 102, 549-56 | 1.2 | 4 |
| 40 | Prospective Echocardiographic Evaluation of the Right Ventricle and Pulmonary Arterial Pressure in Hyperthyroid Patients. *Heart Lung and Circulation*, **2019**, 28, 1190-1196 | 1.8 | 4 |
| 39 | Left ventricular mass behaviour in hemodialysis patients during 17 years. *Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia*, **2015**, 37, 341-8 | 1.5 | 3 |

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| 38 | AT1Receptor Blockade Improves Myocardial Functional Performance in Obesity. *Arquivos Brasileiros De Cardiologia*, **2020**, 115, 17-28 | 1.2 | 3 |
| 37 | Effects of Late Aerobic Exercise on Cardiac Remodeling of Rats with Small-Sized Myocardial Infarction. *Arquivos Brasileiros De Cardiologia*, **2021**, 116, 784-792 | 1.2 | 3 |
| 36 | The Role of Oxidative Stress in the Aging Heart.. *Antioxidants*, **2022**, 11, | 7.1 | 2 |
| 35 | Hypertrophic Cardiomyopathy: A Review. *Arquivos Brasileiros De Cardiologia*, **2020**, 115, 927-935 | 1.2 | 2 |
| 34 | Impact of ventricular geometric pattern on cardiac remodeling after myocardial infarction. *Arquivos Brasileiros De Cardiologia*, **2013**, 100, 518-23 | 1.2 | 2 |
| 33 | Impact of Modality and Intensity of Early Exercise Training on Ventricular Remodeling after Myocardial Infarction. *Oxidative Medicine and Cellular Longevity*, **2020**, 2020, 5041791 | 6.7 | 2 |
| 32 | Influence of high-intensity interval training and intermittent fasting on myocardium apoptosis pathway and cardiac morphology of healthy rats. *Life Sciences*, **2021**, 264, 118697 | 6.8 | 2 |
| 31 | Cardiac cachexia and muscle wasting: definition, physiopathology, and clinical consequences. *Research Reports in Clinical Cardiology*, **2014**, 319 | 0.1 | 1 |
| 30 | Influence of the elevation of the left ventricular diastolic pressure on the values of the first temporal derivative of the ventricular pressure (dP/dt). *Arquivos Brasileiros De Cardiologia*, **1999**, 73, 37-46 | 1.2 | 1 |
| 29 | Association between frailty and C-terminal agrin fragment with 3-month mortality following ST-elevation myocardial infarction.. *Experimental Gerontology*, **2021**, 158, 111658 | 4.5 | 1 |
| 28 | Association Between Left Ventricle Diastolic Dysfunction and Unfavorable Prognostic Markers in Patients with Aortic Insufficiency. *Journal of Clinical and Diagnostic Research JCDR*, **2017**, 11, OC09-OC11 | 0 | 1 |
| 27 | Aerobic Exercise During Advance Stage of Uncontrolled Arterial Hypertension. *Frontiers in Physiology*, **2021**, 12, 675778 | 4.6 | 1 |
| 26 | Calcium homeostasis behavior and cardiac function on left ventricular remodeling by pressure overload. *Brazilian Journal of Medical and Biological Research*, **2021**, 54, e10138 | 2.8 | 1 |
| 25 | Açai supplementation (Euterpe oleracea Mart.) attenuates cardiac remodeling after myocardial infarction in rats through different mechanistic pathways.. *PLoS ONE*, **2022**, 17, e0264854 | 3.7 | 1 |
| 24 | Prevalence of metabolic syndrome in elderly Japanese-Brazilians. *Medical Science Monitor*, **2012**, 18, PH1-5 | 3.2 | 0 |
| 23 | Carotid Artery Atherosclerotic Profile as Risk Predictor for Restenosis After Coronary Stenting. *Arquivos Brasileiros De Cardiologia*, **2021**, 116, 727-733 | 1.2 | 0 |
| 22 | Dexamethasone and Training-Induced Cardiac Remodeling Improve Cardiac Function and Arterial Pressure in Spontaneously Hypertensive Rats. *Journal of Cardiovascular Pharmacology and Therapeutics*, **2021**, 26, 189-199 | 2.6 | 0 |
| 21 | Differential effects of dexamethasone on arterial stiffness, myocardial remodeling and blood pressure between normotensive and spontaneously hypertensive rats. *Journal of Applied Toxicology*, **2021**, 41, 1673-1686 | 4.1 | 0 |

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| 20 | Preventive training does not interfere with mRNA-encoding myosin and collagen expression during pulmonary arterial hypertension. *PLoS ONE*, **2021**, 16, e0244768 | 3.7 | 0 |
| 19 | Effects of the SGLT2 Inhibition on Cardiac Remodeling in Streptozotocin-Induced Diabetic Rats, a Model of Type 1 Diabetes Mellitus. *Antioxidants*, **2022**, 11, 982 | 7.1 | 0 |
| 18 | The rate of force generation by the myocardium is not influenced by afterload. *Brazilian Journal of Medical and Biological Research*, **1997**, 30, 1471-7 | 2.8 | |
| 17 | End-systolic pressure-diameter relation of the left ventricle during transient and sustained elevations of blood pressure. *Arquivos Brasileiros De Cardiologia*, **2000**, 75, 19-32 | 1.2 | |
| 16 | Influence of Creatine Supplementation and High Intensity Interval Training on Glycemic Profile and Cardiac Morphology in Rats. *FASEB Journal*, **2019**, 33, 535.2 | 0.9 | |
| 15 | Dexamethasone-Induced Effects on Autonomic Balance, Arterial Stiffness and Cardiac Remodeling in Sedentary and Trained Spontaneously Hypertensive Rats. *FASEB Journal*, **2019**, 33, 535.3 | 0.9 | |
| 14 | Administration of Losartan Improves Myocardial Functional Performance in Rats with High-Fat Diet-Induced Obesity. *FASEB Journal*, **2019**, 33, 531.6 | 0.9 | |
| 13 | Performance of cardiovascular risk scores in mortality prediction ten years after Acute Coronary Syndromes. *Revista Da Associa□o M□dica Brasileira*, **2019**, 65, 1074-1079 | 1.4 | |
| 12 | Growth hormone influences atrophy pathways in skeletal muscle of heart failure rats (1163.3). *FASEB Journal*, **2014**, 28, 1163.3 | 0.9 | |
| 11 | Exercise training and MAPK protein expression in rats with heart failure (LB521). *FASEB Journal*, **2014**, 28, LB521 | 0.9 | |
| 10 | Influence of tomato and lycopene supplementation on the cardiac remodeling after acute myocardial infarction (LB337). *FASEB Journal*, **2014**, 28, LB337 | 0.9 | |
| 9 | Correlation Between Diet Macronutrients and Metabolic plus Cardiovascular Abnormalities in Spontaneously Hypertensive Rats. *FASEB Journal*, **2015**, 29, LB246 | 0.9 | |
| 8 | Spironolactone increases myocardial performance and reduces right ventricular and atrial weights in spontaneously hypertensive rats. *FASEB Journal*, **2011**, 25, 1000.12 | 0.9 | |
| 7 | Signaling pathways involved in skeletal muscle response to oxidative stress in rats with heart failure. *FASEB Journal*, **2012**, 26, 1036.6 | 0.9 | |
| 6 | EFFECTS OF GROWTH HORMONE ADMINISTRATION ON CARDIAC REMODELING PROCESS IN RATS WITH AORTIC STENOSIS-INDUCED HEART FAILURE. *FASEB Journal*, **2012**, 26, 137.1 | 0.9 | |
| 5 | Protein expression of myostatin and follistatin in the myocardium of spontaneously hypertensive rats with heart failure. *FASEB Journal*, **2012**, 26, 1036.8 | 0.9 | |
| 4 | Influence of NADPH oxidase inhibitor apocynin on cardiac structure and function in rats with aortic stenosis. *FASEB Journal*, **2013**, 27, lb478 | 0.9 | |
| 3 | Influence of late exercise training on myostatin and follistatin expression in soleus muscle of rats with chronic heart failure. *FASEB Journal*, **2013**, 27, 1085.8 | 0.9 | |

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| 2 | Multivariate analysis for animal selection in experimental research. *Arquivos Brasileiros De Cardiologia*, **2015**, 104, 97-103 | 1.2 |
| 1 | Clinical and echocardiographic predictors of left ventricular remodeling following anterior acute myocardial infarction. *Clinics*, **2021**, 76, e2732 | 2.3 |