

Sevil Korkmaz-IcÄŒz

List of Publications by Year in descending order

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44
papers

745
citations

567281

15
h-index

552781

26
g-index

45
all docs

45
docs citations

45
times ranked

1440
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Critical role of RAGE and HMGB1 in inflammatory heart disease. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E155-64. | 7.1 | 130 |
| 2 | Acute canagliflozin treatment protects against in vivo myocardial ischemiaâ€“reperfusion injury in non-diabetic male rats and enhances endothelium-dependent vasorelaxation. Journal of Translational Medicine, 2019, 17, 127. | 4.4 | 88 |
| 3 | The soluble guanylate cyclase activator cinaciguat prevents cardiac dysfunction in a rat model of type-1 diabetes mellitus. Cardiovascular Diabetology, 2015, 14, 145. | 6.8 | 46 |
| 4 | Oral treatment with a zinc complex of acetylsalicylic acid prevents diabetic cardiomyopathy in a rat model of type-2 diabetes: activation of the Akt pathway. Cardiovascular Diabetology, 2016, 15, 75. | 6.8 | 32 |
| 5 | Hypothermic perfusion of donor heart with a preservation solution supplemented by mesenchymal stem cells. Journal of Heart and Lung Transplantation, 2019, 38, 315-326. | 0.6 | 32 |
| 6 | Targeting phosphodiesterase 5 as a therapeutic option against myocardial ischaemia/reperfusion injury and for treating heart failure. British Journal of Pharmacology, 2018, 175, 223-231. | 5.4 | 27 |
| 7 | Olaparib protects cardiomyocytes against oxidative stress and improves graft contractility during the early phase after heart transplantation in rats. British Journal of Pharmacology, 2018, 175, 246-261. | 5.4 | 25 |
| 8 | Genetic Ablation of TASK-1 (Tandem of P Domains in a Weak Inward Rectifying K ⁺) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Channels Suppresses Atrial Fibrillation and Prevents Electrical Remodeling. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007465. | 4.8 | 25 |
| 9 | Administration of zinc complex of acetylsalicylic acid after the onset of myocardial injury protects the heart by upregulation of antioxidant enzymes. Journal of Physiological Sciences, 2016, 66, 113-125. | 2.1 | 24 |
| 10 | Left ventricular pressure-volume measurements and myocardial gene expression profile in type 2 diabetic Goto-Kakizaki rats. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H958-H971. | 3.2 | 23 |
| 11 | Mild Type 2 Diabetes Mellitus Reduces the Susceptibility of the Heart to Ischemia/Reperfusion Injury: Identification of Underlying Gene Expression Changes. Journal of Diabetes Research, 2015, 2015, 1-16. | 2.3 | 22 |
| 12 | Effects of soluble guanylate cyclase activation on heart transplantation in a rat model. Journal of Heart and Lung Transplantation, 2015, 34, 1346-1353. | 0.6 | 21 |
| 13 | Myocardial reverse remodeling after pressure unloading is associated with maintained cardiac mechanoenergetics in a rat model of left ventricular hypertrophy. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H592-H603. | 3.2 | 19 |
| 14 | Dimethylxalylglycine treatment of brain-dead donor rats improves both donor and graft left ventricular function after heart transplantation. Journal of Heart and Lung Transplantation, 2016, 35, 99-107. | 0.6 | 19 |
| 15 | Pressure-volume analysis reveals characteristic sex-related differences in cardiac function in a rat model of aortic banding-induced myocardial hypertrophy. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H502-H511. | 3.2 | 18 |
| 16 | Analysis of urinary cathepsin C for diagnosing Papillonâ€“Lefâ€“vre syndrome. FEBS Journal, 2016, 283, 498-509. | 4.7 | 14 |
| 17 | Reverse electrical remodeling following pressure unloading in a rat model of hypertension-induced left ventricular myocardial hypertrophy. Hypertension Research, 2017, 40, 637-645. | 2.7 | 14 |
| 18 | Mesenchymal stem cell-derived conditioned medium protects vascular grafts of brain-dead rats against in vitro ischemia/reperfusion injury. Stem Cell Research and Therapy, 2021, 12, 144. | 5.5 | 14 |

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|----|--|-----|-----------|
| 19 | Monitoring of perfusion quality and prediction of donor heart function during ex-vivo machine perfusion by myocardial microcirculation versus surrogate parameters. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 387-391. | 0.6 | 13 |
| 20 | The Sodium-Glucose Cotransporter-2 Inhibitor Canagliflozin Alleviates Endothelial Dysfunction Following In Vitro Vascular Ischemia/Reperfusion Injury in Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7774. | 4.1 | 13 |
| 21 | Is internal thoracic artery resistant to reperfusion injury? Evaluation of the storage of free internal thoracic artery grafts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1460-1469. | 0.8 | 12 |
| 22 | Identification of novel antigens contributing to autoimmunity in cardiovascular diseases. <i>Clinical Immunology</i> , 2016, 173, 64-75. | 3.2 | 11 |
| 23 | Myofilament Ca ²⁺ sensitivity correlates with left ventricular contractility during the progression of pressure overload-induced left ventricular myocardial hypertrophy in rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 129, 208-218. | 1.9 | 11 |
| 24 | Brain-dead donor heart conservation with a preservation solution supplemented by a conditioned medium from mesenchymal stem cells improves graft contractility after transplantation. <i>American Journal of Transplantation</i> , 2020, 20, 2847-2856. | 4.7 | 10 |
| 25 | Incomplete structural reverse remodeling from late-stage left ventricular hypertrophy impedes the recovery of diastolic but not systolic dysfunction in rats. <i>Journal of Hypertension</i> , 2019, 37, 1200-1212. | 0.5 | 9 |
| 26 | Mild type 2 diabetes mellitus improves remote endothelial dysfunction after acute myocardial infarction. <i>Journal of Diabetes and Its Complications</i> , 2015, 29, 1253-1260. | 2.3 | 8 |
| 27 | Targeting Phosphodiesterase-5 by Vardenafil Improves Vascular Graft Function. <i>European Journal of Vascular and Endovascular Surgery</i> , 2018, 56, 256-263. | 1.5 | 8 |
| 28 | Reconditioning of circulatory death hearts by ex-vivo machine perfusion with a novel HTK-N preservation solution. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 1135-1144. | 0.6 | 8 |
| 29 | Sex similarities and differences in the reverse and anti-remodeling effect of pressure unloading therapy in a rat model of aortic banding and debanding. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 323, H204-H222. | 3.2 | 7 |
| 30 | Prolonging hypothermic ischaemic cardiac and vascular storage by inhibiting the activation of the nuclear enzyme poly(adenosine diphosphate-ribose) polymerase. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, 829-835. | 1.4 | 6 |
| 31 | Impairment of the Akt pathway in transplanted Type 1 diabetic hearts is associated with post-transplant graft injury. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 27, 884-894. | 1.1 | 5 |
| 32 | Comparison of the Reverse-Remodeling Effect of Pharmacological Soluble Guanylate Cyclase Activation With Pressure Unloading in Pathological Myocardial Left Ventricular Hypertrophy. <i>Frontiers in Physiology</i> , 2018, 9, 1869. | 2.8 | 4 |
| 33 | Stimulation of soluble guanylate cyclase improves donor organ function in rat heart transplantation. <i>Scientific Reports</i> , 2020, 10, 5358. | 3.3 | 4 |
| 34 | Graft Preservation Solution DuraGraft® Alleviates Vascular Dysfunction Following In Vitro Ischemia/Reperfusion Injury in Rats. <i>Pharmaceutics</i> , 2021, 14, 1028. | 3.8 | 4 |
| 35 | Ethical Decision Diagrams on Donation After Cardiocirculatory Death Heart Transplantation Considering Organ Preservation Techniques. <i>Transplantation Direct</i> , 2020, 6, e617. | 1.6 | 4 |
| 36 | Combined treatment with olmesartan medoxomil and amlodipine besylate attenuates atherosclerotic lesion progression in a model of advanced atherosclerosis. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3935. | 4.3 | 3 |

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|----|---|-----|-----------|
| 37 | Mechanical pressure unloading therapy reverses thoracic aortic structural and functional changes in a hypertensive rat model. <i>Journal of Hypertension</i> , 2018, 36, 2350-2361. | 0.5 | 3 |
| 38 | Pharmacological activation of soluble guanylate cyclase improves vascular graft function. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 803-811. | 1.1 | 3 |
| 39 | Conditioned Medium from Mesenchymal Stem Cells Alleviates Endothelial Dysfunction of Vascular Grafts Submitted to Ischemia/Reperfusion Injury in 15-Month-Old Rats. <i>Cells</i> , 2021, 10, 1231. | 4.1 | 2 |
| 40 | Aspirin Reduces Ischemia-Reperfusion Injury Induced Endothelial Cell Damage of Arterial Grafts in a Rodent Model. <i>Antioxidants</i> , 2022, 11, 177. | 5.1 | 2 |
| 41 | N-octanoyl dopamine is superior to dopamine in protecting graft contractile function when administered to the heart transplant recipients from brain-dead donors. <i>Pharmacological Research</i> , 2019, 150, 104503. | 7.1 | 1 |
| 42 | Relationship of Laser-Doppler-Flow and coronary perfusion and a concise update on the importance of coronary microcirculation in donor heart machine perfusion. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 79, 1-8. | 1.7 | 1 |
| 43 | Left-ventricular hypertrophy in 18-month-old donor rat hearts was not associated with graft dysfunction in the early phase of reperfusion after cardiac transplantationâ€™ gene expression profiling. <i>GeroScience</i> , 2021, 43, 1995-2013. | 4.6 | 0 |
| 44 | Impact of skeletonized harvesting of the internal thoracic artery on intrasternal microcirculation considering preparation quality. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 33, 779-783. | 1.1 | 0 |