## Cheuk-Kwan Sun

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Early extracorporeal membrane oxygenator-assisted primary percutaneous coronary intervention improved 30-day clinical outcomes in patients with ST-segment elevation myocardial infarction complicated with profound cardiogenic shock. Critical Care Medicine, 2010, 38, 1810-1817. | 0.9 | 344       |
| 2  | Intermittent Hypoxia Induces Hyperlipidemia in Lean Mice. Circulation Research, 2005, 97, 698-706.   | 4.5 | 274       |
| 3  | Adipose-Derived Mesenchymal Stem Cell Protects Kidneys against Ischemia-Reperfusion Injury through<br>Suppressing Oxidative Stress and Inflammatory Reaction. Journal of Translational Medicine, 2011, 9, 51.  | 4.4 | 270       |
| 4  | Adipose-derived mesenchymal stem cells markedly attenuate brain infarct size and improve neurological function in rats. Journal of Translational Medicine, 2010, 8, 63.  | 4.4 | 192       |
| 5  | Combination of adipose-derived mesenchymal stem cells (ADMSC) and ADMSC-derived exosomes for<br>protecting kidney from acute ischemia–reperfusion injury. International Journal of Cardiology, 2016,<br>216, 173-185.  | 1.7 | 188       |
| 6  | Autologous Transplantation of Adipose-Derived Mesenchymal Stem Cells Markedly Reduced Acute<br>Ischemia-Reperfusion Lung Injury in a Rodent Model. Journal of Translational Medicine, 2011, 9, 118.  | 4.4 | 127       |
| 7  | Additional benefit of combined therapy with melatonin and apoptotic adiposeâ€derived mesenchymal stem cell against sepsisâ€induced kidney injury. Journal of Pineal Research, 2014, 57, 16-32.   | 7.4 | 127       |
| 8  | Melatonin treatment improves adiposeâ€derived mesenchymal stem cell therapy for acute lung<br>ischemia–reperfusion injury. Journal of Pineal Research, 2013, 54, 207-221.  | 7.4 | 126       |
| 9  | Impact of apoptotic adipose-derived mesenchymal stem cells on attenuating organ damage and reducing mortality in Rat sepsis syndrome induced by cecal puncture and ligation. Journal of Translational Medicine, 2012, 10, 244.   | 4.4 | 101       |
| 10 | "Diabetic striatopathyâ€: clinical presentations, controversy, pathogenesis, treatments, and outcomes.<br>Scientific Reports, 2020, 10, 1594.  | 3.3 | 100       |
| 11 | EFFECT OF ISCHEMIA-REPERFUSION INJURY ON THE MICROCIRCULATION OF THE STEATOTIC LIVER OF THE ZUCKER RAT1. Transplantation, 2001, 72, 1625-1631.   | 1.0 | 100       |
| 12 | Cardio-ankle vascular index (CAVI) as an indicator of arterial stiffness. Integrated Blood Pressure<br>Control, 2013, 6, 27.   | 1.2 | 99        |
| 13 | Exendin-4 and sitagliptin protect kidney from ischemia-reperfusion injury through suppressing oxidative stress and inflammatory reaction. Journal of Translational Medicine, 2013, 11, 270.  | 4.4 | 89        |
| 14 | Effect of erythropoietin on level of circulating endothelial progenitor cells and outcome in patients after acute ischemic stroke. Critical Care, 2011, 15, R40.   | 5.8 | 87        |
| 15 | Outcome of Patients With Profound Cardiogenic Shock After Cardiopulmonary Resuscitation and Prompt Extracorporeal Membrane Oxygenation Support. Circulation Journal, 2012, 76, 1385-1392.  | 1.6 | 82        |
| 16 | Systemic combined melatonin–mitochondria treatment improves acute respiratory distress syndrome<br>in the rat. Journal of Pineal Research, 2015, 58, 137-150.  | 7.4 | 81        |
| 17 | Value and Level of Galectin-3 in Acute Myocardial Infarction Patients Undergoing Primary<br>Percutaneous Coronary Intervention. Journal of Atherosclerosis and Thrombosis, 2012, 19, 1073-1082.  | 2.0 | 78        |
| 18 | Extracorporeal Shock Wave Therapy Reverses Ischemia-Related Left Ventricular Dysfunction and Remodeling: Molecular-Cellular and Functional Assessment. PLoS ONE, 2011, 6, e24342.  | 2.5 | 76        |

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|----|--|-----|-----------|
| 19 | Protective effect of melatoninâ€supported adiposeâ€derived mesenchymal stem cells against small bowel<br>ischemiaâ€reperfusion injury in rat. Journal of Pineal Research, 2015, 59, 206-220.   | 7.4 | 74        |
| 20 | Daily melatonin protects the endothelial lineage and functional integrity against the aging process,<br>oxidative stress, and toxic environment and restores blood flow in critical limb ischemia area in mice.<br>Journal of Pineal Research, 2018, 65, e12489. | 7.4 | 68        |
| 21 | Leptin signalling reduces the severity of cardiac dysfunction and remodelling after chronic ischaemic injury. Cardiovascular Research, 2008, 77, 54-63.  | 3.8 | 67        |
| 22 | Systemic administration of autologous adipose-derived mesenchymal stem cells alleviates hepatic ischemia–reperfusion injury in rats. Critical Care Medicine, 2012, 40, 1279-1290.  | 0.9 | 67        |
| 23 | Melatonin treatment further improves adiposeâ€derived mesenchymal stem cell therapy for acute<br>interstitial cystitis in rat. Journal of Pineal Research, 2014, 57, 248-261.  | 7.4 | 66        |
| 24 | Bone marrow–derived mononuclear cell therapy alleviates left ventricular remodeling and improves heart function in rat-dilated cardiomyopathy*. Critical Care Medicine, 2009, 37, 1197-1205.   | 0.9 | 63        |
| 25 | Autologous transplantation of bone marrow–derived endothelial progenitor cells attenuates<br>monocrotaline-induced pulmonary arterial hypertension in rats. Critical Care Medicine, 2008, 36,<br>873-880.  | 0.9 | 59        |
| 26 | Early Combined Treatment with Cilostazol and Bone Marrow-Derived Endothelial Progenitor Cells<br>Markedly Attenuates Pulmonary Arterial Hypertension in Rats. Journal of Pharmacology and<br>Experimental Therapeutics, 2009, 330, 718-726.                      | 2.5 | 59        |
| 27 | Autologous Bone Marrow-Derived Mononuclear Cell Therapy Prevents the Damage of Viable<br>Myocardium and Improves Rat Heart Function Following Acute Anterior Myocardial Infarction.<br>Circulation Journal, 2008, 72, 1336-1345.                                 | 1.6 | 58        |
| 28 | Benefit of combined extracorporeal shock wave and bone marrow-derived endothelial progenitor cells in protection against critical limb ischemia in rats*. Critical Care Medicine, 2012, 40, 169-177.   | 0.9 | 58        |
| 29 | Shock Wave Therapy Applied to Rat Bone Marrow-Derived Mononuclear Cells Enhances Formation of<br>Cells Stained Positive for CD31 and Vascular Endothelial Growth Factor. Circulation Journal, 2008,<br>72, 150-156.  | 1.6 | 56        |
| 30 | Propofol pretreatment attenuates LPS-induced granulocyte–macrophage colony-stimulating factor<br>production in cultured hepatocytes by suppressing MAPK/ERK activity and NF-κB translocation.<br>Toxicology and Applied Pharmacology, 2008, 229, 362-373.        | 2.8 | 55        |
| 31 | Arterial Stiffness Using Radial Arterial Waveforms Measured at the Wrist as an Indicator of Diabetic<br>Control in the Elderly. IEEE Transactions on Biomedical Engineering, 2011, 58, 243-252.  | 4.2 | 54        |
| 32 | Direct implantation versus platelet-rich fibrin-embedded adipose-derived mesenchymal stem cells in treating rat acute myocardial infarction. International Journal of Cardiology, 2014, 173, 410-423.  | 1.7 | 53        |
| 33 | Sitagliptin attenuated brain damage and cognitive impairment in mice with chronic cerebral hypo-perfusion through suppressing oxidative stress and inflammatory reaction. Journal of Hypertension, 2015, 33, 1001-1013.  | 0.5 | 53        |
| 34 | Celecoxib suppresses hepatoma stemness and progression by up-regulating PTEN. Oncotarget, 2014, 5, 1475-1490.  | 1.8 | 51        |
| 35 | Extremely Elevated CA19-9 in Acute Cholangitis. Digestive Diseases and Sciences, 2007, 52, 3140-3142.  | 2.3 | 48        |
| 36 | Transradial and Transbrachial Arterial Approach for Simultaneous Carotid Angiographic Examination<br>and Stenting Using Catheter Looping and Retrograde Engagement Technique. Annals of Vascular<br>Surgery, 2010, 24, 670-679.                                  | 0.9 | 47        |

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|----|--|-----|-----------|
| 37 | Obesity suppresses circulating level and function of endothelial progenitor cells and heart function.<br>Journal of Translational Medicine, 2012, 10, 137.   | 4.4 | 47        |
| 38 | Sildenafil Limits Monocrotaline-Induced Pulmonary Hypertension in Rats Through Suppression of<br>Pulmonary Vascular Remodeling. Journal of Cardiovascular Pharmacology, 2010, 55, 574-584.   | 1.9 | 46        |
| 39 | Multiscale Entropy Analysis of Pulse Wave Velocity for Assessing Atherosclerosis in the Aged and<br>Diabetic. IEEE Transactions on Biomedical Engineering, 2011, 58, 2978-2981.  | 4.2 | 46        |
| 40 | Combined therapy with shock wave and autologous bone marrow-derived mesenchymal stem cells<br>alleviates left ventricular dysfunction and remodeling through inhibiting inflammatory stimuli,<br>oxidative stress & enhancing angiogenesis in a swine myocardial infarction model. International<br>Journal of Cardiology, 2015, 193, 69-83. | 1.7 | 46        |
| 41 | Time Course and Prognostic Value of Plasma Levels of N-Terminal Pro-Brain Natriuretic Peptide in<br>Patients After Ischemic Stroke. Circulation Journal, 2006, 70, 447-452.  | 1.6 | 44        |
| 42 | Losartan Preserves Integrity of Cardiac Gap Junctions and PGC-1 .ALPHA. Gene Expression and Prevents<br>Cellular Apoptosis in Remote Area of Left Ventricular Myocardium Following Acute Myocardial<br>Infarction. International Heart Journal, 2007, 48, 533-546.   | 1.0 | 44        |
| 43 | Successful treatment of liver abscess secondary to foreign body penetration of the alimentary tract:<br>A case report and literature review. World Journal of Gastroenterology, 2014, 20, 3703.  | 3.3 | 44        |
| 44 | Upregulation of hepatoma-derived growth factor is involved in murine hepatic fibrogenesis. Journal of Hepatology, 2010, 52, 96-105.  | 3.7 | 43        |
| 45 | Autologous bone marrow cell implantation attenuates left ventricular remodeling and improves<br>heart function in porcine myocardial infarction: An echocardiographic, six-month angiographic, and<br>molecular–cellular study. International Journal of Cardiology, 2011, 150, 156-168.   | 1.7 | 40        |
| 46 | Xenogeneic human umbilical cord-derived mesenchymal stem cells reduce mortality in rats with acute respiratory distress syndrome complicated by sepsis. Oncotarget, 2017, 8, 45626-45642.  | 1.8 | 40        |
| 47 | Intra-carotid arterial administration of autologous peripheral blood-derived endothelial progenitor<br>cells improves acute ischemic stroke neurological outcomes in rats. International Journal of<br>Cardiology, 2015, 201, 668-683.   | 1.7 | 39        |
| 48 | Early Administration of Carvedilol Protected against Doxorubicin-Induced Cardiomyopathy. Journal of Pharmacology and Experimental Therapeutics, 2015, 355, 516-527.  | 2.5 | 37        |
| 49 | Adipose-derived mesenchymal stem cells embedded in platelet-rich fibrin scaffolds promote<br>angiogenesis, preserve heart function, and reduce left ventricular remodeling in rat acute myocardial<br>infarction. American Journal of Translational Research (discontinued), 2015, 7, 781-803.   | 0.0 | 37        |
| 50 | Early combined treatment with sildenafil and adipose-derived mesenchymal stem cells preserves heart function in rat dilated cardiomyopathy. Journal of Translational Medicine, 2010, 8, 88.  | 4.4 | 36        |
| 51 | Intra-coronary administration of cyclosporine limits infarct size, attenuates remodeling and preserves left ventricular function in porcine acute anterior infarction. International Journal of Cardiology, 2011, 147, 79-87.  | 1.7 | 36        |
| 52 | Effect of Tacrolimus on Myocardial Infarction Is Associated with Inflammation, ROS, MAP Kinase and Akt Pathways in Mini-Pigs. Journal of Atherosclerosis and Thrombosis, 2013, 20, 9-22.   | 2.0 | 36        |
| 53 | Administration of antioxidant peptide SS-31 attenuates transverse aortic constriction-induced pulmonary arterial hypertension in mice. Acta Pharmacologica Sinica, 2016, 37, 589-603.  | 6.1 | 36        |
| 54 | Extracorporeal shock wave therapy ameliorates cyclophosphamide-induced rat acute interstitial cystitis though inhibiting inflammation and oxidative stress-in vitro and in vivo experiment studies.<br>American Journal of Translational Research (discontinued), 2014, 6, 631-48.   | 0.0 | 36        |

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|----|--|-----|-----------|
| 55 | Novel application of parameters in waveform contour analysis for assessing arterial stiffness in aged and atherosclerotic subjects. Atherosclerosis, 2010, 213, 173-177.   | 0.8 | 35        |
| 56 | Benefit of combined therapy with nicorandil and colchicine in preventing monocrotaline-induced rat pulmonary arterial hypertension. European Journal of Pharmaceutical Sciences, 2013, 50, 372-384.  | 4.0 | 35        |
| 57 | Combination of cyclosporine and erythropoietin improves brain infarct size and neurological function in rats after ischemic stroke. Journal of Translational Medicine, 2011, 9, 141.   | 4.4 | 34        |
| 58 | Role of Stromal Cell-Derived Factor-1.ALPHA., Level and Value of Circulating Interleukin-10 and<br>Endothelial Progenitor Cells in Patients With Acute Myocardial Infarction Undergoing Primary<br>Coronary Angioplasty. Circulation Journal, 2009, 73, 1097-1104. | 1.6 | 33        |
| 59 | Cyclosporine-assisted adipose-derived mesenchymal stem cell therapy to mitigate acute kidney<br>ischemia–reperfusion injury. Stem Cell Research and Therapy, 2013, 4, 62.  | 5.5 | 33        |
| 60 | Inhibition of dipeptidyl peptidase-IV enzyme activity protects against myocardial ischemia-reperfusion injury in rats. Journal of Translational Medicine, 2014, 12, 357.   | 4.4 | 33        |
| 61 | Combined Therapy With Adipose-Derived Mesenchymal Stem Cells and Ciprofloxacin Against Acute<br>Urogenital Organ Damage in Rat Sepsis Syndrome Induced by Intrapelvic Injection of Cecal Bacteria.<br>Stem Cells Translational Medicine, 2016, 5, 782-792.         | 3.3 | 33        |
| 62 | Melatonin enhances survival and preserves functional integrity of stem cells: A review. Journal of<br>Pineal Research, 2017, 62, e12372.   | 7.4 | 33        |
| 63 | Impact of Clopidogrel on Suppression of Circulating Levels of Soluble CD40 Ligand in Patients With<br>Unstable Angina Undergoing Coronary Stenting. American Journal of Cardiology, 2006, 97, 192-194.   | 1.6 | 32        |
| 64 | Involvement of the nuclear high mobility group B1 peptides released from injured hepatocytes in<br>murine hepatic fibrogenesis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842,<br>1720-1732.  | 3.8 | 31        |
| 65 | Enhanced protection against pulmonary hypertension with sildenafil and endothelial progenitor cell<br>in rats. International Journal of Cardiology, 2012, 162, 45-58.  | 1.7 | 30        |
| 66 | Multiscale Entropy Analysis of Heart Rate Variability for Assessing the Severity of Sleep Disordered Breathing. Entropy, 2015, 17, 231-243.  | 2.2 | 30        |
| 67 | Melatonin treatment enhances therapeutic effects of exosomes against acute liver<br>ischemia-reperfusion injury. American Journal of Translational Research (discontinued), 2017, 9,<br>1543-1560.   | 0.0 | 30        |
| 68 | Platelet Activity is a Biomarker of Cardiac Necrosis and Predictive of Untoward Clinical Outcomes in<br>Patients With Acute Myocardial Infarction Undergoing Primary Coronary Stenting. Circulation<br>Journal, 2006, 70, 31-36.                                   | 1.6 | 29        |
| 69 | Shock Wave Therapy Effectively Attenuates Inflammation in Rat Carotid Artery following Endothelial Denudation by Balloon Catheter. Cardiology, 2010, 115, 130-144.   | 1.4 | 29        |
| 70 | Lipopolysaccharides induce Smad2 phosphorylation through PI3K/Akt and MAPK cascades in HSC-T6 hepatic stellate cells. Life Sciences, 2017, 184, 37-46.   | 4.3 | 29        |
| 71 | Assessment of Subtle Changes in Diabetes-Associated Arteriosclerosis using Photoplethysmographic<br>Pulse Wave from Index Finger. Journal of Medical Systems, 2018, 42, 43.  | 3.6 | 29        |
| 72 | Arterial Waveforms Measured at the Wrist as Indicators of Diabetic Endothelial Dysfunction in the Elderly. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 162-169.  | 4.7 | 28        |

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|----|---|-----|-----------|
| 73 | Safety and Efficacy of Transradial vs Transfemoral Arterial Primary Coronary Angioplasty for Acute<br>Myocardial Infarction Single-Center Experience. Circulation Journal, 2009, 73, 2050-2055.   | 1.6 | 27        |
| 74 | The Prognostic Value of Atrial Fibrillation on 30-Day Clinical Outcome in Patients With ST-Segment<br>Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention.<br>International Heart Journal, 2011, 52, 153-158.         | 1.0 | 27        |
| 75 | Sitagliptin therapy enhances the number of circulating angiogenic cells and<br>angiogenesis—evaluations in vitro and in the rat critical limb ischemia model. Cytotherapy, 2013, 15,<br>1148-1163.  | 0.7 | 27        |
| 76 | Strong Correlation Between Serum Levels of Inflammatory Mediators and Their Distribution in Infarct-Related Coronary Artery. Circulation Journal, 2006, 70, 838-845.  | 1.6 | 26        |
| 77 | Simvastatin attenuates the additive effects of TNF-α and IL-18 on the connexin 43 up-regulation and over-proliferation of cultured aortic smooth muscle cells. Cytokine, 2013, 62, 341-351.   | 3.2 | 26        |
| 78 | Sildenafil improves long-term effect of endothelial progenitor cell-based treatment for monocrotaline-induced rat pulmonary arterial hypertension. Cytotherapy, 2013, 15, 209-223.  | 0.7 | 25        |
| 79 | Application of a Modified Entropy Computational Method in Assessing the Complexity of Pulse Wave Velocity Signals in Healthy and Diabetic Subjects. Entropy, 2014, 16, 4032-4043.   | 2.2 | 25        |
| 80 | Benefit of Revascularization in Non-Infarct-Related Artery in Multivessel Disease Patients With<br>ST-Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary<br>Intervention. International Heart Journal, 2010, 51, 319-324. | 1.0 | 24        |
| 81 | Impact of obesity control on circulating level of endothelial progenitor cells and angiogenesis in response to ischemic stimulation. Journal of Translational Medicine, 2012, 10, 86.   | 4.4 | 24        |
| 82 | Shock Wave Therapy Enhances Angiogenesis through VEGFR2 Activation and Recycling. Molecular Medicine, 2016, 22, 850-862.  | 4.4 | 24        |
| 83 | Impact of Diabetes on Cardiomyocyte Apoptosis and Connexin43 Gap Junction Integrity Role of Pharmacological Modulation. International Heart Journal, 2007, 48, 233-245.   | 1.0 | 24        |
| 84 | Change in mitochondrial membrane potential is the key mechanism in early warm hepatic<br>ischemia-reperfusion injury. Microvascular Research, 2005, 70, 102-110.  | 2.5 | 23        |
| 85 | Tissue plasminogen activator enhances mobilization of endothelial progenitor cells and angiogenesis in murine limb ischemia. International Journal of Cardiology, 2013, 168, 226-236.   | 1.7 | 23        |
| 86 | Abdominal Carcinomatosis Attributed to Metastatic Breast Carcinoma. Digestive Diseases and Sciences, 2008, 53, 3043-3045.   | 2.3 | 22        |
| 87 | Reducing TRPC1 Expression through Liposome-Mediated siRNA Delivery Markedly Attenuates<br>Hypoxia-Induced Pulmonary Arterial Hypertension in a Murine Model. Stem Cells International, 2014,<br>2014, 1-19.   | 2.5 | 22        |
| 88 | Increased NAD(P)H fluorescence with decreased blood flow in the steatotic liver of the obese Zucker rat. Microvascular Research, 2003, 66, 15-21.   | 2.5 | 21        |
| 89 | Platelet Activation in Patients With Chronic Nonvalvular Atrial Fibrillation. International Heart<br>Journal, 2006, 47, 371-379.  | 1.0 | 21        |
| 90 | Rapid induction of orthotopic hepatocellular carcinoma in immune-competent rats by non-invasive ultrasound-guided cells implantation. BMC Gastroenterology, 2010, 10, 83.   | 2.0 | 21        |

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|-----|--|-----|-----------|
| 91  | Comparison of Prognostic Outcome Between Left Circumflex Artery–Related and Right Coronary<br>Artery–Related Acute Inferior Wall Myocardial Infarction Undergoing Primary Percutaneous<br>Coronary Intervention. Clinical Cardiology, 2011, 34, 249-253. | 1.8 | 21        |
| 92  | Therapeutic effects of adipose-derived mesenchymal stem cells against brain death-induced remote organ damage and post-heart transplant acute rejection. Oncotarget, 2017, 8, 108692-108711.   | 1.8 | 21        |
| 93  | Shock Wave-Pretreated Bone Marrow Cells Further Improve Left Ventricular Function After<br>Myocardial Infarction in Rabbits. Annals of Vascular Surgery, 2010, 24, 809-821.  | 0.9 | 20        |
| 94  | Administered circulating microparticles derived from lung cancer patients markedly improved<br>angiogenesis, blood flow and ischemic recovery in rat critical limb ischemia. Journal of Translational<br>Medicine, 2015, 13, 59.                         | 4.4 | 20        |
| 95  | Extracorporeal shock wave effectively attenuates brain infarct volume and improves neurological<br>function in rat after acute ischemic stroke. American Journal of Translational Research<br>(discontinued), 2015, 7, 976-94.                           | 0.0 | 20        |
| 96  | Impact of Simvastatin and Losartan on Antiinflammatory Effect: In Vitro Study. Journal of<br>Cardiovascular Pharmacology, 2007, 49, 20-26.   | 1.9 | 19        |
| 97  | Levels and values of circulating endothelial progenitor cells, soluble angiogenic factors, and<br>mononuclear cell apoptosis in liver cirrhosis patients. Journal of Biomedical Science, 2012, 19, 66.   | 7.0 | 19        |
| 98  | Paradoxical impairment of angiogenesis, endothelial function and circulating number of endothelial progenitor cells in DPP4-deficient rat after critical limb ischemia. Stem Cell Research and Therapy, 2013, 4, 31.                                     | 5.5 | 19        |
| 99  | Peripheral blood-derived endothelial progenitor cell therapy prevented deterioration of chronic kidney disease in rats. American Journal of Translational Research (discontinued), 2015, 7, 804-24.  | 0.0 | 19        |
| 100 | Cilostazol Therapy Attenuates Monocrotaline-Induced Pulmonary Arterial Hypertension in Rat Model.<br>Circulation Journal, 2008, 72, 825-831.   | 1.6 | 18        |
| 101 | Prompt Bone Marrow-Derived Mesenchymal Stem Cell Therapy Enables Early Porcine Heart Function<br>Recovery from Acute Myocardial Infarction. International Heart Journal, 2014, 55, 362-371.  | 1.0 | 18        |
| 102 | Endothelin Receptor A Blockade Ameliorates Hypothermic Ischemia–Reperfusion-Related<br>Microhemodynamic Disturbances during Liver Transplantation in the Rat. Journal of Surgical<br>Research, 2002, 102, 63-70.   | 1.6 | 17        |
| 103 | Major Adverse Upper Gastrointestinal Events in Patients with ST-Segment Elevation Myocardial<br>Infarction Undergoing Primary Coronary Intervention and Dual Antiplatelet Therapy. American<br>Journal of Cardiology, 2011, 108, 1704-1709.              | 1.6 | 17        |
| 104 | Retention of endothelial progenitor cells in bone marrow in a murine model of endogenous tissue<br>plasminogen activator (tPA) deficiency in response to critical limb ischemia. International Journal of<br>Cardiology, 2014, 170, 394-405.             | 1.7 | 17        |
| 105 | Propylthiouracil Attenuates Monocrotaline-Induced Pulmonary Arterial Hypertension in Rats.<br>Circulation Journal, 2009, 73, 1722-1730.  | 1.6 | 16        |
| 106 | The impact of supplementary hands-on practice on learning in introductory computer science course for freshmen. Computers and Education, 2014, 70, 1-8.  | 8.3 | 16        |
| 107 | tPA-MMP-9 Axis Plays a Pivotal Role in Mobilization of Endothelial Progenitor Cells from Bone<br>Marrow to Circulation and Ischemic Region for Angiogenesis. Stem Cells International, 2016, 2016, 1-23.   | 2.5 | 16        |
| 108 | Prevalence and predictors of hypovitaminosis D among the elderly in subtropical region. PLoS ONE, 2017, 12, e0181063.  | 2.5 | 16        |

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|-----|--|-----|-----------|
| 109 | Combination of R-R Interval and Crest Time in Assessing Complexity Using Multiscale<br>Cross-Approximate Entropy in Normal and Diabetic Subjects. Entropy, 2018, 20, 497.  | 2.2 | 16        |
| 110 | Study of vascular injuries using endothelial denudation model and the therapeutic application of shock wave: a review. American Journal of Translational Research (discontinued), 2011, 3, 259-68.   | 0.0 | 16        |
| 111 | Mixed serum-deprived and normal adipose-derived mesenchymal stem cells against acute lung<br>ischemia-reperfusion injury in rats. American Journal of Translational Research (discontinued), 2015, 7,<br>209-31.   | 0.0 | 16        |
| 112 | Six-channel ECG-based pulse wave velocity for assessing whole-body arterial stiffness. Blood<br>Pressure, 2012, 21, 167-176.   | 1.5 | 15        |
| 113 | Therapeutic effects of methylphenidate for attention-deficit/hyperactivity disorder in children with<br>borderline intellectual functioning or intellectual disability: A systematic review and meta-analysis.<br>Scientific Reports, 2019, 9, 15908.    | 3.3 | 15        |
| 114 | Comparison between ultrasound-guided and digital palpation techniques for identification of the cricothyroid membrane: a meta-analysis. British Journal of Anaesthesia, 2021, 126, e9-e11.   | 3.4 | 15        |
| 115 | Effective protection against acute respiratory distress syndrome/sepsis injury by combined<br>adipose-derived mesenchymal stem cells and preactivated disaggregated platelets. Oncotarget, 2017, 8,<br>82415-82429.                                      | 1.8 | 15        |
| 116 | Combination therapy with extracorporeal shock wave and melatonin markedly attenuated<br>neuropathic pain in rat. American Journal of Translational Research (discontinued), 2017, 9, 4593-4606.  | 0.0 | 15        |
| 117 | <b>Downregulation of Peroxisme Proliferator Activated Receptor Gamma Co-Activator 1α in<br/>Diabetic Rats</b> . International Heart Journal, 2006, 47, 901-910.  | 1.0 | 14        |
| 118 | Comparison of Losartan and Carvedilol on Attenuating Inflammatory and Oxidative Response and<br>Preserving Energy Transcription Factors and Left Ventricular Function in Dilated Cardiomyopathy<br>Rats. International Heart Journal, 2008, 49, 605-619. | 1.0 | 14        |
| 119 | Level and value of circulating endothelial progenitor cells in patients with acute myocardial<br>infarction undergoing primary coronary angioplasty: in vivo and in vitro studies. Translational<br>Research, 2010, 156, 251-263.                        | 5.0 | 14        |
| 120 | Early Erythropoietin Therapy Attenuates Remodeling and Preserves Function of Left Ventricle in<br>Porcine Myocardial Infarction. Journal of Investigative Medicine, 2011, 59, 574-586.   | 1.6 | 14        |
| 121 | Intra-coronary administration of tacrolimus markedly attenuates infarct size and preserves heart function in porcine myocardial infarction. Journal of Inflammation, 2012, 9, 21.  | 3.4 | 14        |
| 122 | Continuing Exposure to Low-Dose Nonylphenol Aggravates Adenine-Induced Chronic Renal<br>Dysfunction and Role of Rosuvastatin Therapy. Journal of Translational Medicine, 2012, 10, 147.  | 4.4 | 14        |
| 123 | Assessment of autonomic dysfunction in patients with type 2 diabetes using reactive hyperemia.<br>Journal of Theoretical Biology, 2013, 330, 9-17.   | 1.7 | 14        |
| 124 | Pharmacologic and hormonal treatments for menopausal sleep disturbances: A network meta-analysis<br>of 43 randomized controlled trials and 32,271 menopausal women. Sleep Medicine Reviews, 2021, 57,<br>101469.   | 8.5 | 14        |
| 125 | Estimated Glomerular Filtration Rate as a Useful Predictor of Mortality in Patients With Acute<br>Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. American Journal of<br>the Medical Sciences, 2013, 345, 104-111.          | 1.1 | 14        |
| 126 | Combination of cilostazol and clopidogrel attenuates Rat critical limb ischemia. Journal of<br>Translational Medicine, 2012, 10, 164.  | 4.4 | 13        |

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|-----|---|-----|-----------|
| 127 | Up-Regulation of Nerve Growth Factor in Cholestatic Livers and Its Hepatoprotective Role against<br>Oxidative Stress. PLoS ONE, 2014, 9, e112113.   | 2.5 | 13        |
| 128 | Nerve growth factor upregulates sirtuin 1 expression in cholestasis: a potential therapeutic target.<br>Experimental and Molecular Medicine, 2018, 50, e426-e426.   | 7.7 | 13        |
| 129 | Bone Marrow Cells Reduce Fibrogenesis and Enhance Regeneration in Fibrotic Rat Liver. Journal of<br>Surgical Research, 2011, 169, e15-e26.  | 1.6 | 12        |
| 130 | Single-incision laparoscopic total extraperitoneal repair for a Grynfeltt hernia: a case report. Journal of Medical Case Reports, 2014, 8, 16.  | 0.8 | 12        |
| 131 | Multiscale entropic assessment of autonomic dysfunction in patients with obstructive sleep apnea and therapeutic impact of continuous positive airway pressure treatment. Sleep Medicine, 2016, 20, 12-17.  | 1.6 | 12        |
| 132 | The Use of Propofol versus Dexmedetomidine for Patients Receiving Drug-Induced Sleep Endoscopy: A<br>Meta-Analysis of Randomized Controlled Trials. Journal of Clinical Medicine, 2021, 10, 1585.   | 2.4 | 12        |
| 133 | The Efficacy of Transcranial Direct Current Stimulation in Enhancing Surgical Skill Acquisition: A Preliminary Meta-Analysis of Randomized Controlled Trials. Brain Sciences, 2021, 11, 707.  | 2.3 | 12        |
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