Cheuk-Kwan Sun

List of Publications by Year in descending order

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		66315	91828
235	6,549	42	69
papers	citations	h-index	g-index
237	237	237	8695
all docs	docs citations	times ranked	citing authors

#	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.	0.4	344
2	Intermittent Hypoxia Induces Hyperlipidemia in Lean Mice. Circulation Research, 2005, 97, 698-706.	2.0	274
3	Adipose-Derived Mesenchymal Stem Cell Protects Kidneys against Ischemia-Reperfusion Injury through Suppressing Oxidative Stress and Inflammatory Reaction. Journal of Translational Medicine, 2011, 9, 51.	1.8	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.	1.8	192
5	Combination of adipose-derived mesenchymal stem cells (ADMSC) and ADMSC-derived exosomes for protecting kidney from acute ischemia–reperfusion injury. International Journal of Cardiology, 2016, 216, 173-185.	0.8	188
6	Autologous Transplantation of Adipose-Derived Mesenchymal Stem Cells Markedly Reduced Acute Ischemia-Reperfusion Lung Injury in a Rodent Model. Journal of Translational Medicine, 2011, 9, 118.	1.8	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.	3.4	127
8	Melatonin treatment improves adiposeâ€derived mesenchymal stem cell therapy for acute lung ischemia–reperfusion injury. Journal of Pineal Research, 2013, 54, 207-221.	3.4	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.	1.8	101
10	"Diabetic striatopathyâ€: clinical presentations, controversy, pathogenesis, treatments, and outcomes. Scientific Reports, 2020, 10, 1594.	1.6	100
11	EFFECT OF ISCHEMIA-REPERFUSION INJURY ON THE MICROCIRCULATION OF THE STEATOTIC LIVER OF THE ZUCKER RAT1. Transplantation, 2001, 72, 1625-1631.	0.5	100
12	Cardio-ankle vascular index (CAVI) as an indicator of arterial stiffness. Integrated Blood Pressure Control, 2013, 6, 27.	0.4	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.	1.8	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.	2.5	87
15	Outcome of Patients With Profound Cardiogenic Shock After Cardiopulmonary Resuscitation and Prompt Extracorporeal Membrane Oxygenation Support. Circulation Journal, 2012, 76, 1385-1392.	0.7	82
16	Systemic combined melatonin–mitochondria treatment improves acute respiratory distress syndrome in the rat. Journal of Pineal Research, 2015, 58, 137-150.	3.4	81
17	Value and Level of Galectin-3 in Acute Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention. Journal of Atherosclerosis and Thrombosis, 2012, 19, 1073-1082.	0.9	78
18	Extracorporeal Shock Wave Therapy Reverses Ischemia-Related Left Ventricular Dysfunction and Remodeling: Molecular-Cellular and Functional Assessment, PLoS ONE, 2011, 6, e24342.	1.1	76

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19	Protective effect of melatoninâ€supported adiposeâ€derived mesenchymal stem cells against small bowel ischemiaâ€reperfusion injury in rat. Journal of Pineal Research, 2015, 59, 206-220.	3.4	74
20	Daily melatonin protects the endothelial lineage and functional integrity against the aging process, oxidative stress, and toxic environment and restores blood flow in critical limb ischemia area in mice. Journal of Pineal Research, 2018, 65, e12489.	3.4	68
21	Leptin signalling reduces the severity of cardiac dysfunction and remodelling after chronic ischaemic injury. Cardiovascular Research, 2008, 77, 54-63.	1.8	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.	0.4	67
23	Melatonin treatment further improves adiposeâ€derived mesenchymal stem cell therapy for acute interstitial cystitis in rat. Journal of Pineal Research, 2014, 57, 248-261.	3.4	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.	0.4	63
25	Autologous transplantation of bone marrow–derived endothelial progenitor cells attenuates monocrotaline-induced pulmonary arterial hypertension in rats. Critical Care Medicine, 2008, 36, 873-880.	0.4	59
26	Early Combined Treatment with Cilostazol and Bone Marrow-Derived Endothelial Progenitor Cells Markedly Attenuates Pulmonary Arterial Hypertension in Rats. Journal of Pharmacology and Experimental Therapeutics, 2009, 330, 718-726.	1.3	59
27	Autologous Bone Marrow-Derived Mononuclear Cell Therapy Prevents the Damage of Viable Myocardium and Improves Rat Heart Function Following Acute Anterior Myocardial Infarction. Circulation Journal, 2008, 72, 1336-1345.	0.7	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.	0.4	58
29	Shock Wave Therapy Applied to Rat Bone Marrow-Derived Mononuclear Cells Enhances Formation of Cells Stained Positive for CD31 and Vascular Endothelial Growth Factor. Circulation Journal, 2008, 72, 150-156.	0.7	56
30	Propofol pretreatment attenuates LPS-induced granulocyte–macrophage colony-stimulating factor production in cultured hepatocytes by suppressing MAPK/ERK activity and NF-κB translocation. Toxicology and Applied Pharmacology, 2008, 229, 362-373.	1.3	55
31	Arterial Stiffness Using Radial Arterial Waveforms Measured at the Wrist as an Indicator of Diabetic Control in the Elderly. IEEE Transactions on Biomedical Engineering, 2011, 58, 243-252.	2.5	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.	0.8	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.	0.3	53
34	Celecoxib suppresses hepatoma stemness and progression by up-regulating PTEN. Oncotarget, 2014, 5, 1475-1490.	0.8	51
35	Extremely Elevated CA19-9 in Acute Cholangitis. Digestive Diseases and Sciences, 2007, 52, 3140-3142.	1.1	48
36	Transradial and Transbrachial Arterial Approach for Simultaneous Carotid Angiographic Examination and Stenting Using Catheter Looping and Retrograde Engagement Technique. Annals of Vascular Surgery, 2010, 24, 670-679.	0.4	47

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37	Obesity suppresses circulating level and function of endothelial progenitor cells and heart function. Journal of Translational Medicine, 2012, 10, 137.	1.8	47
38	Sildenafil Limits Monocrotaline-Induced Pulmonary Hypertension in Rats Through Suppression of Pulmonary Vascular Remodeling. Journal of Cardiovascular Pharmacology, 2010, 55, 574-584.	0.8	46
39	Multiscale Entropy Analysis of Pulse Wave Velocity for Assessing Atherosclerosis in the Aged and Diabetic. IEEE Transactions on Biomedical Engineering, 2011, 58, 2978-2981.	2.5	46
40	Combined therapy with shock wave and autologous bone marrow-derived mesenchymal stem cells alleviates left ventricular dysfunction and remodeling through inhibiting inflammatory stimuli, oxidative stress & enhancing angiogenesis in a swine myocardial infarction model. International Journal of Cardiology, 2015, 193, 69-83.	0.8	46
41	Time Course and Prognostic Value of Plasma Levels of N-Terminal Pro-Brain Natriuretic Peptide in Patients After Ischemic Stroke. Circulation Journal, 2006, 70, 447-452.	0.7	44
42	Losartan Preserves Integrity of Cardiac Gap Junctions and PGC-1 .ALPHA. Gene Expression and Prevents Cellular Apoptosis in Remote Area of Left Ventricular Myocardium Following Acute Myocardial Infarction. International Heart Journal, 2007, 48, 533-546.	0.5	44
43	Successful treatment of liver abscess secondary to foreign body penetration of the alimentary tract: A case report and literature review. World Journal of Gastroenterology, 2014, 20, 3703.	1.4	44
44	Upregulation of hepatoma-derived growth factor is involved in murine hepatic fibrogenesis. Journal of Hepatology, 2010, 52, 96-105.	1.8	43
45	Autologous bone marrow cell implantation attenuates left ventricular remodeling and improves heart function in porcine myocardial infarction: An echocardiographic, six-month angiographic, and molecular–cellular study. International Journal of Cardiology, 2011, 150, 156-168.	0.8	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.	0.8	40
47	Intra-carotid arterial administration of autologous peripheral blood-derived endothelial progenitor cells improves acute ischemic stroke neurological outcomes in rats. International Journal of Cardiology, 2015, 201, 668-683.	0.8	39
48	Early Administration of Carvedilol Protected against Doxorubicin-Induced Cardiomyopathy. Journal of Pharmacology and Experimental Therapeutics, 2015, 355, 516-527.	1.3	37
49	Adipose-derived mesenchymal stem cells embedded in platelet-rich fibrin scaffolds promote angiogenesis, preserve heart function, and reduce left ventricular remodeling in rat acute myocardial 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.	1.8	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.	0.8	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.	0.9	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.	2.8	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. 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.	0.4	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.	1.9	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.	1.8	34
58	Role of Stromal Cell-Derived Factor-1.ALPHA., Level and Value of Circulating Interleukin-10 and Endothelial Progenitor Cells in Patients With Acute Myocardial Infarction Undergoing Primary Coronary Angioplasty. Circulation Journal, 2009, 73, 1097-1104.	0.7	33
59	Cyclosporine-assisted adipose-derived mesenchymal stem cell therapy to mitigate acute kidney ischemia–reperfusion injury. Stem Cell Research and Therapy, 2013, 4, 62.	2.4	33
60	Inhibition of dipeptidyl peptidase-IV enzyme activity protects against myocardial ischemia-reperfusion injury in rats. Journal of Translational Medicine, 2014, 12, 357.	1.8	33
61	Combined Therapy With Adipose-Derived Mesenchymal Stem Cells and Ciprofloxacin Against Acute Urogenital Organ Damage in Rat Sepsis Syndrome Induced by Intrapelvic Injection of Cecal Bacteria. Stem Cells Translational Medicine, 2016, 5, 782-792.	1.6	33
62	Melatonin enhances survival and preserves functional integrity of stem cells: A review. Journal of Pineal Research, 2017, 62, e12372.	3.4	33
63	Impact of Clopidogrel on Suppression of Circulating Levels of Soluble CD40 Ligand in Patients With Unstable Angina Undergoing Coronary Stenting. American Journal of Cardiology, 2006, 97, 192-194.	0.7	32
64	Involvement of the nuclear high mobility group B1 peptides released from injured hepatocytes in murine hepatic fibrogenesis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1720-1732.	1.8	31
65	Enhanced protection against pulmonary hypertension with sildenafil and endothelial progenitor cell in rats. International Journal of Cardiology, 2012, 162, 45-58.	0.8	30
66	Multiscale Entropy Analysis of Heart Rate Variability for Assessing the Severity of Sleep Disordered Breathing. Entropy, 2015, 17, 231-243.	1.1	30
67	Melatonin treatment enhances therapeutic effects of exosomes against acute liver ischemia-reperfusion injury. American Journal of Translational Research (discontinued), 2017, 9, 1543-1560.	0.0	30
68	Platelet Activity is a Biomarker of Cardiac Necrosis and Predictive of Untoward Clinical Outcomes in Patients With Acute Myocardial Infarction Undergoing Primary Coronary Stenting. Circulation Journal, 2006, 70, 31-36.	0.7	29
69	Shock Wave Therapy Effectively Attenuates Inflammation in Rat Carotid Artery following Endothelial Denudation by Balloon Catheter. Cardiology, 2010, 115, 130-144.	0.6	29
70	Lipopolysaccharides induce Smad2 phosphorylation through PI3K/Akt and MAPK cascades in HSC-T6 hepatic stellate cells. Life Sciences, 2017, 184, 37-46.	2.0	29
71	Assessment of Subtle Changes in Diabetes-Associated Arteriosclerosis using Photoplethysmographic Pulse Wave from Index Finger. Journal of Medical Systems, 2018, 42, 43.	2.2	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.	2.4	28

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73	Safety and Efficacy of Transradial vs Transfemoral Arterial Primary Coronary Angioplasty for Acute Myocardial Infarction Single-Center Experience. Circulation Journal, 2009, 73, 2050-2055.	0.7	27
74	The Prognostic Value of Atrial Fibrillation on 30-Day Clinical Outcome in Patients With ST-Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. International Heart Journal, 2011, 52, 153-158.	0.5	27
75	Sitagliptin therapy enhances the number of circulating angiogenic cells and angiogenesis—evaluations in vitro and in the rat critical limb ischemia model. Cytotherapy, 2013, 15, 1148-1163.	0.3	27
76	Strong Correlation Between Serum Levels of Inflammatory Mediators and Their Distribution in Infarct-Related Coronary Artery. Circulation Journal, 2006, 70, 838-845.	0.7	26
77	Simvastatin attenuates the additive effects of TNF- $\hat{I}\pm$ and IL-18 on the connexin 43 up-regulation and over-proliferation of cultured aortic smooth muscle cells. Cytokine, 2013, 62, 341-351.	1.4	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.	0.3	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.	1.1	25
80	Benefit of Revascularization in Non-Infarct-Related Artery in Multivessel Disease Patients With ST-Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. International Heart Journal, 2010, 51, 319-324.	0.5	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.	1.8	24
82	Shock Wave Therapy Enhances Angiogenesis through VEGFR2 Activation and Recycling. Molecular Medicine, 2016, 22, 850-862.	1.9	24
83	Impact of Diabetes on Cardiomyocyte Apoptosis and Connexin43 Gap Junction Integrity Role of Pharmacological Modulation. International Heart Journal, 2007, 48, 233-245.	0.5	24
84	Change in mitochondrial membrane potential is the key mechanism in early warm hepatic ischemia-reperfusion injury. Microvascular Research, 2005, 70, 102-110.	1.1	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.	0.8	23
86	Abdominal Carcinomatosis Attributed to Metastatic Breast Carcinoma. Digestive Diseases and Sciences, 2008, 53, 3043-3045.	1.1	22
87	Reducing TRPC1 Expression through Liposome-Mediated siRNA Delivery Markedly Attenuates Hypoxia-Induced Pulmonary Arterial Hypertension in a Murine Model. Stem Cells International, 2014, 2014, 1-19.	1.2	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.	1.1	21
89	Platelet Activation in Patients With Chronic Nonvalvular Atrial Fibrillation. International Heart Journal, 2006, 47, 371-379.	0.5	21
90	Rapid induction of orthotopic hepatocellular carcinoma in immune-competent rats by non-invasive ultrasound-guided cells implantation. BMC Gastroenterology, 2010, 10, 83.	0.8	21

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91	Comparison of Prognostic Outcome Between Left Circumflex Artery–Related and Right Coronary Artery–Related Acute Inferior Wall Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. Clinical Cardiology, 2011, 34, 249-253.	0.7	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.	0.8	21
93	Shock Wave-Pretreated Bone Marrow Cells Further Improve Left Ventricular Function After Myocardial Infarction in Rabbits. Annals of Vascular Surgery, 2010, 24, 809-821.	0.4	20
94	Administered circulating microparticles derived from lung cancer patients markedly improved angiogenesis, blood flow and ischemic recovery in rat critical limb ischemia. Journal of Translational Medicine, 2015, 13, 59.	1.8	20
95	Extracorporeal shock wave effectively attenuates brain infarct volume and improves neurological function in rat after acute ischemic stroke. American Journal of Translational Research (discontinued), 2015, 7, 976-94.	0.0	20
96	Impact of Simvastatin and Losartan on Antiinflammatory Effect: In Vitro Study. Journal of Cardiovascular Pharmacology, 2007, 49, 20-26.	0.8	19
97	Levels and values of circulating endothelial progenitor cells, soluble angiogenic factors, and mononuclear cell apoptosis in liver cirrhosis patients. Journal of Biomedical Science, 2012, 19, 66.	2.6	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.	2.4	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. Circulation Journal, 2008, 72, 825-831.	0.7	18
101	Prompt Bone Marrow-Derived Mesenchymal Stem Cell Therapy Enables Early Porcine Heart Function Recovery from Acute Myocardial Infarction. International Heart Journal, 2014, 55, 362-371.	0.5	18
102	Endothelin Receptor A Blockade Ameliorates Hypothermic Ischemia–Reperfusion-Related Microhemodynamic Disturbances during Liver Transplantation in the Rat. Journal of Surgical Research, 2002, 102, 63-70.	0.8	17
103	Major Adverse Upper Gastrointestinal Events in Patients with ST-Segment Elevation Myocardial Infarction Undergoing Primary Coronary Intervention and Dual Antiplatelet Therapy. American Journal of Cardiology, 2011, 108, 1704-1709.	0.7	17
104	Retention of endothelial progenitor cells in bone marrow in a murine model of endogenous tissue plasminogen activator (tPA) deficiency in response to critical limb ischemia. International Journal of Cardiology, 2014, 170, 394-405.	0.8	17
105	Propylthiouracil Attenuates Monocrotaline-Induced Pulmonary Arterial Hypertension in Rats. Circulation Journal, 2009, 73, 1722-1730.	0.7	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.	5.1	16
107	tPA-MMP-9 Axis Plays a Pivotal Role in Mobilization of Endothelial Progenitor Cells from Bone Marrow to Circulation and Ischemic Region for Angiogenesis. Stem Cells International, 2016, 2016, 1-23.	1.2	16
108	Prevalence and predictors of hypovitaminosis D among the elderly in subtropical region. PLoS ONE, 2017, 12, e0181063.	1.1	16

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109	Combination of R-R Interval and Crest Time in Assessing Complexity Using Multiscale Cross-Approximate Entropy in Normal and Diabetic Subjects. Entropy, 2018, 20, 497.	1.1	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 ischemia-reperfusion injury in rats. American Journal of Translational Research (discontinued), 2015, 7, 209-31.	0.0	16
112	Six-channel ECG-based pulse wave velocity for assessing whole-body arterial stiffness. Blood Pressure, 2012, 21, 167-176.	0.7	15
113	Therapeutic effects of methylphenidate for attention-deficit/hyperactivity disorder in children with borderline intellectual functioning or intellectual disability: A systematic review and meta-analysis. Scientific Reports, 2019, 9, 15908.	1.6	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.	1.5	15
115	Effective protection against acute respiratory distress syndrome/sepsis injury by combined adipose-derived mesenchymal stem cells and preactivated disaggregated platelets. Oncotarget, 2017, 8, 82415-82429.	0.8	15
116	Combination therapy with extracorporeal shock wave and melatonin markedly attenuated neuropathic pain in rat. American Journal of Translational Research (discontinued), 2017, 9, 4593-4606.	0.0	15
117	Downregulation of Peroxisme Proliferator Activated Receptor Gamma Co-Activator 1α in Diabetic Rats . International Heart Journal, 2006, 47, 901-910.	0.5	14
118	Comparison of Losartan and Carvedilol on Attenuating Inflammatory and Oxidative Response and Preserving Energy Transcription Factors and Left Ventricular Function in Dilated Cardiomyopathy Rats. International Heart Journal, 2008, 49, 605-619.	0.5	14
119	Level and value of circulating endothelial progenitor cells in patients with acute myocardial infarction undergoing primary coronary angioplasty: in vivo and in vitro studies. Translational Research, 2010, 156, 251-263.	2.2	14
120	Early Erythropoietin Therapy Attenuates Remodeling and Preserves Function of Left Ventricle in Porcine Myocardial Infarction. Journal of Investigative Medicine, 2011, 59, 574-586.	0.7	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.	1.5	14
122	Continuing Exposure to Low-Dose Nonylphenol Aggravates Adenine-Induced Chronic Renal Dysfunction and Role of Rosuvastatin Therapy. Journal of Translational Medicine, 2012, 10, 147.	1.8	14
123	Assessment of autonomic dysfunction in patients with type 2 diabetes using reactive hyperemia. Journal of Theoretical Biology, 2013, 330, 9-17.	0.8	14
124	Pharmacologic and hormonal treatments for menopausal sleep disturbances: A network meta-analysis of 43 randomized controlled trials and 32,271 menopausal women. Sleep Medicine Reviews, 2021, 57, 101469.	3.8	14
125	Estimated Glomerular Filtration Rate as a Useful Predictor of Mortality in Patients With Acute Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. American Journal of the Medical Sciences, 2013, 345, 104-111.	0.4	14
126	Combination of cilostazol and clopidogrel attenuates Rat critical limb ischemia. Journal of Translational Medicine, 2012, 10, 164.	1.8	13

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127	Up-Regulation of Nerve Growth Factor in Cholestatic Livers and Its Hepatoprotective Role against Oxidative Stress. PLoS ONE, 2014, 9, e112113.	1.1	13
128	Nerve growth factor upregulates sirtuin 1 expression in cholestasis: a potential therapeutic target. Experimental and Molecular Medicine, 2018, 50, e426-e426.	3.2	13
129	Bone Marrow Cells Reduce Fibrogenesis and Enhance Regeneration in Fibrotic Rat Liver. Journal of Surgical Research, 2011, 169, e15-e26.	0.8	12
130	Single-incision laparoscopic total extraperitoneal repair for a Grynfeltt hernia: a case report. Journal of Medical Case Reports, 2014, 8, 16.	0.4	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.	0.8	12
132	The Use of Propofol versus Dexmedetomidine for Patients Receiving Drug-Induced Sleep Endoscopy: A Meta-Analysis of Randomized Controlled Trials. Journal of Clinical Medicine, 2021, 10, 1585.	1.0	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.	1.1	12
134	Impact of Extracorporeal Membrane Oxygenation Support on Clinical Outcome of Pediatric Patients with Acute Cardiopulmonary Failure: A Single-Center Experience. Biomedical Journal, 2013, 36, 28.	1.4	12
135	EPO-cyclosporine combination therapy reduced brain infarct area in rat after acute ischemic stroke: role of innate immune-inflammatory response, micro-RNAs and MAPK family signaling pathway. American Journal of Translational Research (discontinued), 2017, 9, 1651-1666.	0.0	12
136	Strong suppression of high-sensitivity C-reactive protein level and its mediated pro-atherosclerotic effects with simvastatin: In vivo and in vitro studies. International Journal of Cardiology, 2007, 121, 253-260.	0.8	11
137	Instantaneous frequency from Hilbert-Huang transformation of digital volume pulse as indicator of diabetes and arterial stiffness in upper-middle-aged subjects. Scientific Reports, 2018, 8, 15771.	1.6	11
138	The Effect of Perioperative Vitamin C on Postoperative Analgesic Consumption: A Meta-Analysis of Randomized Controlled Trials. Nutrients, 2020, 12, 3109.	1.7	11
139	The impact of aminophylline on incidence and severity of post-dural puncture headache: A meta-analysis of randomised controlled trials. Anaesthesia, Critical Care & Pain Medicine, 2021, 40, 100920.	0.6	11
140	Extracorporeal shock wave treatment attenuated left ventricular dysfunction and remodeling in mini-pig with cardiorenal syndrome. Oncotarget, 2017, 8, 54747-54763.	0.8	11
141	Exendin-4 protected against critical limb ischemia in obese mice. American Journal of Translational Research (discontinued), 2015, 7, 445-59.	0.0	11
142	Synergistic effect of combined melatonin and adipose-derived mesenchymal stem cell (ADMSC)-derived exosomes on amelioration of dextran sulfate sodium (DSS)-induced acute colitis. American Journal of Translational Research (discontinued), 2019, 11, 2706-2724.	0.0	11
143	Comparison of 30-Day Mortality between Anterior-Wall versus Inferior-Wall ST-Segment Elevation Myocardial Infarction Complicated by Cardiogenic Shock in Patients Undergoing Primary Coronary Angioplasty. Cardiology, 2010, 116, 144-150.	0.6	10
144	Immediate Intramyocardial Bone Marrow-Derived Mononuclear Cells Implantation in Minipig Myocardium After Permanent Coronary Artery Ligation. Investigative Radiology, 2011, 46, 495-503.	3.5	10

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145	Chronic exposure to environmental contaminant nonylphenol exacerbates adenine-induced chronic renal insufficiency: Role of signaling pathways and therapeutic impact of rosuvastatin. European Journal of Pharmaceutical Sciences, 2012, 46, 455-467.	1.9	10
146	AG490 suppresses EPO-mediated activation of JAK2-STAT but enhances blood flow recovery in rats with critical limb ischemia. Journal of Inflammation, 2016, 13, 18.	1.5	10
147	Difference in bilateral digital volume pulse as a novel non-invasive approach to assessing arteriosclerosis in aged and diabetic subjects: A preliminary study. Diabetes and Vascular Disease Research, 2017, 14, 254-257.	0.9	10
148	Multiscale Cross-Approximate Entropy Analysis of Bilateral Fingertips Photoplethysmographic Pulse Amplitudes among Middle-to-Old Aged Individuals with or without Type 2 Diabetes. Entropy, 2017, 19, 145.	1.1	10
149	Extracorporeal Shock Wave-Supported Adipose-Derived Fresh Stromal Vascular Fraction Preserved Left Ventricular (LV) Function and Inhibited LV Remodeling in Acute Myocardial Infarction in Rat. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-22.	1.9	10
150	Cerebro- and renoprotective activities through platelet-derived biomaterials against cerebrorenal syndrome in rat model. Biomaterials, 2019, 214, 119227.	5.7	10
151	Assessment of Diabetic Autonomic Nervous Dysfunction with a Novel Percussion Entropy Approach. Complexity, 2019, 2019, 1-11.	0.9	10
152	Impact of Hyperglycemic Control on Left Ventricular Myocardium A Molecular and Cellular Basic Study in a Diabetic Rat Model. International Heart Journal, 2009, 50, 191-206.	0.5	10
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