Hon-Kan Yip

List of Publications by Year
in descending order

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285 papers	8,337 citations	53794 45 h-index	76900 74 g-index
300 all docs	300 docs citations	300 times ranked	10032 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.	0.9	344
2	Angiographic Morphologic Features of Infarct-Related Arteries and Timely Reperfusion in Acute Myocardial Infarction. Chest, 2002, 122, 1322-1332.	0.8	271
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.	4.4	270
4	Level and Value of Circulating Endothelial Progenitor Cells in Patients After Acute Ischemic Stroke. Stroke, 2008, 39, 69-74.	2.0	206
5	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
6	Intravenous administration of xenogenic adipose-derived mesenchymal stem cells (ADMSC) and ADMSC-derived exosomes markedly reduced brain infarct volume and preserved neurological function in rat after acute ischemic stroke. Oncotarget, 2016, 7, 74537-74556.	1.8	191
7	Combination of adipose-derived mesenchymal stem cells (ADMSC) and ADMSC-derived exosomes for protecting kidney from acute ischemiaâ€“reperfusion injury. International Journal of Cardiology, 2016, 216, 173-185.	1.7	188
8	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.	4.4	127
9	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
10	Melatonin treatment improves adiposeâ€derived mesenchymal stem cell therapy for acute lung ischemiaâ€“reperfusion injury. Journal of Pineal Research, 2013, 54, 207-221.	7.4	126
11	Cardiac Rupture Complicating Acute Myocardial Infarction in the Direct Percutaneous Coronary Intervention Reperfusion Era*. Chest, 2003, 124, 565-571.	0.8	111
12	Effect of the PercuSurge GuardWire device on the integrity of microvasculature and clinical outcomes during primary transradial coronary intervention in acute myocardial infarction. American Journal of Cardiology, 2003, 92, 1331-1335.	1.6	105
13	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
14	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
15	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
16	Systemic combined melatoninâ€“mitochondria treatment improves acute respiratory distress syndrome in the rat. Journal of Pineal Research, 2015, 58, 137-150.	7.4	81
17	Stem Cell-Derived Exosomes Prevent Aging-Induced Cardiac Dysfunction through a Novel Exosome/lncRNA MALAT1/NF-Î°B/TNF-Î± Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	4.0	81
18	The cardioprotective effect of melatonin and exendinâ€4 treatment in a rat model of cardiorenal syndrome. Journal of Pineal Research, 2016, 61, 438-456.	7.4	78

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19	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
20	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.	7.4	74
21	The Potential Impact of Primary Percutaneous Coronary Intervention on Ventricular Septal Rupture Complicating Acute Myocardial Infarction. Chest, 2004, 125, 1622-1628.	0.8	73
22	Serial Changes in Platelet Activation in Patients After Ischemic Stroke. Stroke, 2004, 35, 1683-1687.	2.0	72
23	Melatonin pretreatment enhances the therapeutic effects of exogenous mitochondria against hepatic ischemiaâ€“reperfusion injury in rats through suppression of mitochondrial permeability transition. Journal of Pineal Research, 2016, 61, 52-68.	7.4	70
24	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.	7.4	68
25	Prognostic Value of Circulating Levels of Endothelin-1 in Patients After Acute Myocardial Infarction Undergoing Primary Coronary Angioplasty. Chest, 2005, 127, 1491-1497.	0.8	67
26	Systemic administration of autologous adipose-derived mesenchymal stem cells alleviates hepatic ischemiaâ€“reperfusion injury in rats. Critical Care Medicine, 2012, 40, 1279-1290.	0.9	67
27	Human Umbilical Cord-Derived Mesenchymal Stem Cells for Acute Respiratory Distress Syndrome. Critical Care Medicine, 2020, 48, e391-e399.	0.9	67
28	Melatonin treatment further improves adiposeâ€derived mesenchymal stem cell therapy for acute interstitial cystitis in rat. Journal of Pineal Research, 2014, 57, 248-261.	7.4	66
29	Clinical Features and Outcome of Coronary Artery Aneurysm in Patients with Acute Myocardial Infarction Undergoing a Primary Percutaneous Coronary Intervention. Cardiology, 2002, 98, 132-140.	1.4	65
30	Apoptotic adipose-derived mesenchymal stem cell therapy protects against lung and kidney injury in sepsis syndrome caused by cecal ligation puncture in rats. Stem Cell Research and Therapy, 2013, 4, 155.	5.5	65
31	Bone marrowâ€“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
32	Intracoronary Transfusion of Circulation-Derived CD34+ Cells Improves Left Ventricular Function in Patients With End-Stage Diffuse Coronary Artery Disease Unsuitable for Coronary Intervention*. Critical Care Medicine, 2015, 43, 2117-2132.	0.9	60
33	Level of High-Sensitivity C-Reactive Protein Is Predictive of 30-Day Outcomes in Patients With Acute Myocardial Infarction Undergoing Primary Coronary Intervention. Chest, 2005, 127, 803-808.	0.8	59
34	Autologous transplantation of bone marrowâ€“derived endothelial progenitor cells attenuates monocrotaline-induced pulmonary arterial hypertension in rats. Critical Care Medicine, 2008, 36, 873-880.	0.9	59
35	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.	2.5	59
36	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.	1.6	58

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37	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
38	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.	1.6	56
39	Link between Platelet Activity and Outcomes after an Ischemic Stroke. Cerebrovascular Diseases, 2005, 20, 120-128.	1.7	53
40	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
41	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
42	Levels and Values of Serum High-Sensitivity C-Reactive Protein Within 6 Hours After the Onset of Acute Myocardial Infarction. Chest, 2004, 126, 1417-1422.	0.8	51
43	Effect of obesity reduction on preservation of heart function and attenuation of left ventricular remodeling, oxidative stress and inflammation in obese mice. Journal of Translational Medicine, 2012, 10, 145.	4.4	50
44	Level and Value of Interleukin-18 After Acute Ischemic Stroke. Circulation Journal, 2007, 71, 1691-1696.	1.6	49
45	Sitagliptin protects rat kidneys from acute ischemia-reperfusion injury via upregulation of GLP-1 and GLP-1 receptors. Acta Pharmacologica Sinica, 2015, 36, 119-130.	6.1	49
46	Levels of Circulating Microparticles in Lung Cancer Patients and Possible Prognostic Value. Disease Markers, 2013, 35, 301-310.	1.3	48
47	Obesity suppresses circulating level and function of endothelial progenitor cells and heart function. Journal of Translational Medicine, 2012, 10, 137.	4.4	47
48	Feasibility and safety of transbrachial approach for patients with severe carotid artery stenosis undergoing stenting. Catheterization and Cardiovascular Interventions, 2006, 67, 967-971.	1.7	46
49	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.	1.7	46
50	Higher neutrophil counts and neutrophil-to-lymphocyte ratio predict prognostic outcomes inÂpatients after non-atrial fibrillation-caused ischemic stroke. Biomedical Journal, 2017, 40, 154-162.	3.1	46
51	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.	1.6	44
52	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.	1.0	44
53	Erythropoietin improves long-term neurological outcome in acute ischemic stroke patients: a randomized, prospective, placebo-controlled clinical trial. Critical Care, 2015, 19, 49.	5.8	44
54	Short-term and long-term prognostic outcomes of patients with ST-segment elevation myocardial infarction complicated by profound cardiogenic shock undergoing early extracorporeal membrane oxygenator-assisted primary percutaneous coronary intervention. International Journal of Cardiology, 2016, 223, 412-417.	1.7	43

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55	Early administration of empagliflozin preserved heart function in cardiorenal syndrome in rat. Biomedicine and Pharmacotherapy, 2019, 109, 658-670.	5.6	43
56	Combined melatonin and exendinâ€4 therapy preserves renal ultrastructural integrity after ischemiaâ€“reperfusion injury in the male rat. Journal of Pineal Research, 2015, 59, 434-447.	7.4	42
57	Combined Therapy with SS31 and Mitochondria Mitigates Myocardial Ischemia-Reperfusion Injury in Rats. International Journal of Molecular Sciences, 2018, 19, 2782.	4.1	42
58	Melatoninâ€mediated downregulation of ZNF746 suppresses bladder tumorigenesis mainly through inhibiting the AKTâ€MMPâ€9 signaling pathway. Journal of Pineal Research, 2019, 66, e12536.	7.4	41
59	Adipose-derived mesenchymal stem cell-derived exosomes alleviate overwhelming systemic inflammatory reaction and organ damage and improve outcome in rat sepsis syndrome. American Journal of Translational Research (discontinued), 2018, 10, 1053-1070.	0.0	41
60	Autologous bone marrow cell implantation attenuates left ventricular remodeling and improves heart function in porcine myocardial infarction: An echocardiographic, six-month angiographic, and molecularâ€cellular study. International Journal of Cardiology, 2011, 150, 156-168.	1.7	40
61	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
62	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.	1.7	39
63	Feasibility and safety of transradial artery approach for selective cerebral angiography. Catheterization and Cardiovascular Interventions, 2005, 66, 21-26.	1.7	38
64	Feasibility and Safety of Transradial Stenting for Unprotected Left Main Coronary Artery Stenoses. Circulation Journal, 2007, 71, 855-861.	1.6	37
65	Value and level of circulating endothelial progenitor cells, angiogenesis factors and mononuclear cell apoptosis in patients with chronic kidney disease. Clinical and Experimental Nephrology, 2013, 17, 83-91.	1.6	37
66	Circulating Endothelial-Derived Activated Microparticle: A Useful Biomarker for Predicting One-Year Mortality in Patients with Advanced Non-Small Cell Lung Cancer. BioMed Research International, 2014, 2014, 1-11.	1.9	37
67	Early Administration of Carvedilol Protected against Doxorubicin-Induced Cardiomyopathy. Journal of Pharmacology and Experimental Therapeutics, 2015, 355, 516-527.	2.5	37
68	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
69	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
70	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
71	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
72	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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73	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
74	Cyclosporine-assisted adipose-derived mesenchymal stem cell therapy to mitigate acute kidney ischemiaâ€“reperfusion injury. Stem Cell Research and Therapy, 2013, 4, 62.	5.5	33
75	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
76	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.	3.3	33
77	Melatonin enhances survival and preserves functional integrity of stem cells: A review. Journal of Pineal Research, 2017, 62, e12372.	7.4	33
78	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.	1.6	32
79	Link between Interleukin-10 Level and Outcome after Ischemic Stroke. NeuroImmunoModulation, 2010, 17, 223-228.	1.8	32
80	Serial Changes in Circulating Concentrations of Soluble CD40 Ligand and C-Reactive Protein in Patients With Unstable Angina Undergoing Coronary Stenting Role of Inflammatory Mediators in Predicting Late Restenosis. Circulation Journal, 2005, 69, 890-895.	1.6	31
81	Investigated the safety of intra-renal arterial transfusion of autologous CD34+ cells and time courses of creatinine levels, endothelial dysfunction biomarkers and micro-RNAs in chronic kidney disease patients-phase I clinical trial. Oncotarget, 2017, 8, 17750-17762.	1.8	31
82	Predictors of contrast-induced nephropathy in chronic total occlusion percutaneous coronary intervention. EuroIntervention, 2014, 9, 1173-1180.	3.2	31
83	Impact of Tirofiban on Angiographic Morphologic Features of High-Burden Thrombus Formation During Direct Percutaneous Coronary Intervention and Short-term Outcomes. Chest, 2003, 124, 962-968.	0.8	30
84	Enhanced protection against pulmonary hypertension with sildenafil and endothelial progenitor cell in rats. International Journal of Cardiology, 2012, 162, 45-58.	1.7	30
85	Risk of aortic aneurysm and dissection in patients with autosomal-dominant polycystic kidney disease: a nationwide population-based cohort study. Oncotarget, 2017, 8, 57594-57604.	1.8	30
86	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
87	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.	1.6	29
88	Shock Wave Therapy Effectively Attenuates Inflammation in Rat Carotid Artery following Endothelial Denudation by Balloon Catheter. Cardiology, 2010, 115, 130-144.	1.4	29
89	The therapeutic impact of entresto on protecting against cardiorenal syndrome-associated renal damage in rats on high protein diet. Biomedicine and Pharmacotherapy, 2019, 116, 108954.	5.6	29
90	Sitagliptin therapy enhances the number of circulating angiogenic cells and angiogenesisâ€”evaluations in vitro and in the rat critical limb ischemia model. Cytotherapy, 2013, 15, 1148-1163.	0.7	27

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91	Hyperbaric Oxygen Therapy Enhanced Circulating Levels of Endothelial Progenitor Cells and Angiogenesis Biomarkers, Blood Flow, in Ischemic Areas in Patients with Peripheral Arterial Occlusive Disease. Journal of Clinical Medicine, 2018, 7, 548.	2.4	27
92	Intravenous administration of iPSâ€MSC^{SPIONs} mobilized into CKD parenchyma and effectively preserved residual renal function in CKD rat. Journal of Cellular and Molecular Medicine, 2020, 24, 3593-3610.	3.6	27
93	Melatonin augments apoptotic adipose-derived mesenchymal stem cell treatment against sepsis-induced acute lung injury. American Journal of Translational Research (discontinued), 2014, 6, 439-58.	0.0	27
94	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
95	Serum level and prognostic value of neopterin in patients after ischemic stroke. Clinical Biochemistry, 2012, 45, 1596-1601.	1.9	26
96	Simvastatin attenuates the additive effects of TNF-Î± 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
97	Associations with 30-day survival following extracorporeal membrane oxygenation in patients with acute ST segment elevation myocardial infarction and profound cardiogenic shock. Heart and Lung: Journal of Acute and Critical Care, 2016, 45, 532-537.	1.6	26
98	The Five-Year Clinical and Angiographic Follow-Up Outcomes of Intracoronary Transfusion of Circulation-Derived CD34+ Cells for Patients With End-Stage Diffuse Coronary Artery Disease Unsuitable for Coronary Interventionâ€"Phase I Clinical Trial. Critical Care Medicine, 2018, 46, e411-e418.	0.9	26
99	Adipose-derived mesenchymal stem cell-derived exosomes markedly protected the brain against sepsis syndrome induced injury in rat. American Journal of Translational Research (discontinued), 2019, 11, 3955-3971.	0.0	26
100	Comparison of Primary Angioplasty and Conservative Treatment on Short- and Long-term Outcome in Octogenarian or Older Patients with Acute Myocardial Infarction.. International Heart Journal, 2002, 43, 463-474.	0.6	25
101	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
102	Innate immune response after acute myocardial infarction and pharmacomodulatory action of tacrolimus in reducing infarct size and preserving myocardial integrity. Journal of Biomedical Science, 2013, 20, 82.	7.0	25
103	FAK is Required for Tumor Metastasis-Related Fluid Microenvironment in Triple-Negative Breast Cancer. Journal of Clinical Medicine, 2019, 8, 38.	2.4	25
104	Levels and Values of Inflammatory Markers in Patients With Angina Pectoris. International Heart Journal, 2005, 46, 571-581.	1.0	24
105	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
106	Shock Wave Therapy Enhances Angiogenesis through VEGFR2 Activation and Recycling. Molecular Medicine, 2016, 22, 850-862.	4.4	24
107	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
108	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

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109	Severe bilateral ischemic-reperfusion renal injury: hyperacute and acute changes in apparent diffusion coefficient, T1, and T2 mapping with immunohistochemical correlations. Scientific Reports, 2017, 7, 1725.	3.3	23
110	The mTOR-FAK mechanotransduction signaling axis for focal adhesion maturation and cell proliferation. American Journal of Translational Research (discontinued), 2017, 9, 1603-1617.	0.0	23
111	Minimizing Door-to-Balloon Time Is Not the Most Critical Factor in Improving Clinical Outcome of ST-Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention*. Critical Care Medicine, 2014, 42, 1788-1796.	0.9	22
112	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.	2.5	22
113	Associations with the In-Hospital Survival Following Extracorporeal Membrane Oxygenation in Adult Acute Fulminant Myocarditis. Journal of Clinical Medicine, 2018, 7, 452.	2.4	22
114	Impact of FAK Expression on the Cytotoxic Effects of CIK Therapy in Triple-Negative Breast Cancer. Cancers, 2020, 12, 94.	3.7	22
115	Melatonin rescues cerebral ischemic events through upregulated tunneling nanotube-mediated mitochondrial transfer and downregulated mitochondrial oxidative stress in rat brain. Biomedicine and Pharmacotherapy, 2021, 139, 111593.	5.6	22
116	Circulating microparticles are prognostic biomarkers in advanced non-small cell lung cancer patients. Oncotarget, 2017, 8, 75952-75967.	1.8	22
117	Clinical Features and Outcome of Patients with Direct Percutaneous Coronary Intervention for Acute Myocardial Infarction Resulting from Left Circumflex Artery Occlusion. Chest, 2002, 122, 2068-2074.	0.8	21
118	Platelet Activation in Patients With Chronic Nonvalvular Atrial Fibrillation. International Heart Journal, 2006, 47, 371-379.	1.0	21
119	Comparison of Prognostic Outcome Between Left Circumflex Arteryâ€"Related and Right Coronary Arteryâ€"Related Acute Inferior Wall Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. Clinical Cardiology, 2011, 34, 249-253.	1.8	21
120	Link between Lipoprotein-Associated Phospholipase A₂ Gene Expression of Peripheral-Blood Mononuclear Cells and Prognostic Outcome after Acute Ischemic Stroke. Journal of Atherosclerosis and Thrombosis, 2012, 19, 523-531.	2.0	21
121	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
122	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.	4.4	20
123	Dosage effects of extracorporeal shockwave therapy in early hip necrosis. International Journal of Surgery, 2016, 35, 179-186.	2.7	20
124	MicroRNA-mediated interacting circuits predict hypoxia and inhibited osteogenesis of stem cells, and dysregulated angiogenesis are involved in osteonecrosis of the femoral head. International Orthopaedics, 2018, 42, 1605-1614.	1.9	20
125	DPP-4 enzyme deficiency protects kidney from acute ischemia-reperfusion injury: role for remote intermittent bowel ischemia-reperfusion preconditioning. Oncotarget, 2017, 8, 54821-54837.	1.8	20
126	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

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127	Extracorporeal shock wave therapy effectively prevented diabetic neuropathy. American Journal of Translational Research (discontinued), 2015, 7, 2543-60.	0.0	20
128	Inducible pluripotent stem cell-derived mesenchymal stem cell therapy effectively protected kidney from acute ischemia-reperfusion injury. American Journal of Translational Research (discontinued), 2018, 10, 3053-3067.	0.0	20
129	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.	7.0	19
130	Comparison of acute versus convalescent stage high-sensitivity C-Reactive protein level in predicting clinical outcome after acute ischemic stroke and impact of erythropoietin. Journal of Translational Medicine, 2012, 10, 6.	4.4	19
131	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
132	Levels of Circulating Microparticles in Patients with Chronic Cardiorenal Disease. Journal of Atherosclerosis and Thrombosis, 2015, 22, 247-256.	2.0	19
133	Combined Therapy with Extracorporeal Shock Wave and Adipose-Derived Mesenchymal Stem Cells Remarkably Improved Acute Ischemia-Reperfusion Injury of Quadriceps Muscle. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-14.	4.0	19
134	Short-interval exposure to ambient fine particulate matter (PM2.5) exacerbates the susceptibility of pulmonary damage in setting of lung ischemia-reperfusion injury in rodent: Pharmacomodulation of melatonin. Biomedicine and Pharmacotherapy, 2019, 113, 108737.	5.6	19
135	Safety and efficacy of intrarenal arterial autologous CD34+ cell transfusion in patients with chronic kidney disease: A randomized, open-label, controlled phase II clinical trial. Stem Cells Translational Medicine, 2020, 9, 827-838.	3.3	19
136	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
137	Acute Myocardial Infarction With Simultaneous ST-Segment Elevation in the Precordial and Inferior Leads. Chest, 2003, 123, 1170-1180.	0.8	18
138	Serum Concentrations of High-Sensitivity C-Reactive Protein Predict Progressively Obstructive Lesions Rather Than Late Restenosis in Patients With Unstable Angina Undergoing Coronary Artery Stenting. Circulation Journal, 2005, 69, 1202-1207.	1.6	18
139	Levels and values of lipoprotein-associated phospholipase A2, galectin-3, RhoA/ROCK, and endothelial progenitor cells in critical limb ischemia: pharmaco-therapeutic role of cilostazol and clopidogrel combination therapy. Journal of Translational Medicine, 2014, 12, 101.	4.4	18
140	Preactivated and Disaggregated Shape-Changed Platelets Protected Against Acute Respiratory Distress Syndrome Complicated by Sepsis Through Inflammation Suppression. Shock, 2016, 46, 575-586.	2.1	18
141	Combined Therapy With Hyperbaric Oxygen and Melatonin Effectively Reduce Brain Infarct Volume and Preserve Neurological Function After Acute Ischemic Infarct in Rat. Journal of Neuropathology and Experimental Neurology, 2019, 78, 949-960.	1.7	18
142	The Correlation between Severity of Neurological Impairment and Left Ventricular Function in Patients after Acute Ischemic Stroke. Journal of Clinical Medicine, 2019, 8, 190.	2.4	18
143	Xenogeneic and Allogeneic Mesenchymal Stem Cells Effectively Protect the Lung Against Ischemia-reperfusion Injury Through Downregulating the Inflammatory, Oxidative Stress, and Autophagic Signaling Pathways in Rat. Cell Transplantation, 2020, 29, 096368972095414.	2.5	18
144	Melatonin attenuated brain death tissue extract-induced cardiac damage by suppressing DAMP signaling. Oncotarget, 2018, 9, 3531-3548.	1.8	18

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145	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.	1.7	17
146	Enhanced protection against renal ischemiaâ€“reperfusion injury with combined melatonin and exendin-4 in a rodent model. Experimental Biology and Medicine, 2016, 241, 1588-1602.	2.4	17
147	Jagged2 progressively increased expression from Stage I to III of Bladder Cancer and Melatonin-mediated downregulation of Notch/Jagged2 suppresses the Bladder Tumorigenesis via inhibiting PI3K/AKT/mTOR/MMPs signaling. International Journal of Biological Sciences, 2020, 16, 2648-2662.	6.4	17
148	Serial Changes in Platelet Activation in Patients With Unstable Angina Following Coronary Stenting Evaluation of the Effect of Clopidogrel Loading Dose in Inhibiting Platelet Activation. Circulation Journal, 2005, 69, 1208-1211.	1.6	16
149	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.	2.5	16
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