

Pei-Hsun Sung

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144
papers

1,980
citations

26
h-index

36
g-index

159
ext. papers

2,352
ext. citations

4.6
avg, IF

4.65
L-index

#	Paper	IF	Citations
144	Exendin-4 and sitagliptin protect kidney from ischemia-reperfusion injury through suppressing oxidative stress and inflammatory reaction. <i>Journal of Translational Medicine</i> , 2013 , 11, 270	8.5	76
143	Value and level of galectin-3 in acute myocardial infarction patients undergoing primary percutaneous coronary intervention. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012 , 19, 1073-82	4	67
142	Protective effect of melatonin-supported adipose-derived mesenchymal stem cells against small bowel ischemia-reperfusion injury in rat. <i>Journal of Pineal Research</i> , 2015 , 59, 206-20	10.4	65
141	Systemic combined melatonin-mitochondria treatment improves acute respiratory distress syndrome in the rat. <i>Journal of Pineal Research</i> , 2015 , 58, 137-50	10.4	64
140	Melatonin pretreatment enhances the therapeutic effects of exogenous mitochondria against hepatic ischemia-reperfusion injury in rats through suppression of mitochondrial permeability transition. <i>Journal of Pineal Research</i> , 2016 , 61, 52-68	10.4	60
139	Melatonin treatment further improves adipose-derived mesenchymal stem cell therapy for acute interstitial cystitis in rat. <i>Journal of Pineal Research</i> , 2014 , 57, 248-61	10.4	56
138	Intracoronary Transfusion of Circulation-Derived CD34+ Cells Improves Left Ventricular Function in Patients With End-Stage Diffuse Coronary Artery Disease Unsuitable for Coronary Intervention. <i>Critical Care Medicine</i> , 2015 , 43, 2117-32	1.4	50
137	Apoptotic adipose-derived mesenchymal stem cell therapy protects against lung and kidney injury in sepsis syndrome caused by cecal ligation puncture in rats. <i>Stem Cell Research and Therapy</i> , 2013 , 4, 155	8.3	48
136	Sitagliptin attenuated brain damage and cognitive impairment in mice with chronic cerebral hypo-perfusion through suppressing oxidative stress and inflammatory reaction. <i>Journal of Hypertension</i> , 2015 , 33, 1001-13	1.9	47
135	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. <i>Journal of Pineal Research</i> , 2018 , 65, e12489	10.4	46
134	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. <i>International Journal of Cardiology</i> , 2015 , 193, 69-83	3.2	41
133	Sitagliptin protects rat kidneys from acute ischemia-reperfusion injury via upregulation of GLP-1 and GLP-1 receptors. <i>Acta Pharmacologica Sinica</i> , 2015 , 36, 119-30	8	40
132	Adipose-derived mesenchymal stem cell-derived exosomes alleviate overwhelming systemic inflammatory reaction and organ damage and improve outcome in rat sepsis syndrome. <i>American Journal of Translational Research (discontinued)</i> , 2018 , 10, 1053-1070	3	38
131	Erythropoietin improves long-term neurological outcome in acute ischemic stroke patients: a randomized, prospective, placebo-controlled clinical trial. <i>Critical Care</i> , 2015 , 19, 49	10.8	36
130	Combined melatonin and exendin-4 therapy preserves renal ultrastructural integrity after ischemia-reperfusion injury in the male rat. <i>Journal of Pineal Research</i> , 2015 , 59, 434-47	10.4	36
129	Intra-carotid arterial administration of autologous peripheral blood-derived endothelial progenitor cells improves acute ischemic stroke neurological outcomes in rats. <i>International Journal of Cardiology</i> , 2015 , 201, 668-83	3.2	34
128	Extracorporeal shock wave therapy ameliorates cyclophosphamide-induced rat acute interstitial cystitis though inhibiting inflammation and oxidative stress-in vitro and in vivo experiment studies. <i>American Journal of Translational Research (discontinued)</i> , 2014 , 6, 631-48	3	32

127	Combined Therapy with SS31 and Mitochondria Mitigates Myocardial Ischemia-Reperfusion Injury in Rats. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	32
126	Early Administration of Carvedilol Protected against Doxorubicin-Induced Cardiomyopathy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 355, 516-27	4.7	31
125	Human Umbilical Cord-Derived Mesenchymal Stem Cells for Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2020 , 48, e391-e399	1.4	31
124	Xenogeneic human umbilical cord-derived mesenchymal stem cells reduce mortality in rats with acute respiratory distress syndrome complicated by sepsis. <i>Oncotarget</i> , 2017 , 8, 45626-45642	3.3	31
123	Higher neutrophil counts and neutrophil-to-lymphocyte ratio predict prognostic outcomes in patients after non-atrial fibrillation-caused ischemic stroke. <i>Biomedical Journal</i> , 2017 , 40, 154-162	7.1	31
122	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. <i>International Journal of Cardiology</i> , 2016 , 222, 112-117	3.2	29
121	Melatonin treatment enhances therapeutic effects of exosomes against acute liver ischemia-reperfusion injury. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 1543-1560	3	29
120	Melatonin enhances survival and preserves functional integrity of stem cells: A review. <i>Journal of Pineal Research</i> , 2017 , 62, e12372	10.4	28
119	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. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 782-92	6.9	26
118	Melatonin augments apoptotic adipose-derived mesenchymal stem cell treatment against sepsis-induced acute lung injury. <i>American Journal of Translational Research (discontinued)</i> , 2014 , 6, 439-38	3.8	26
117	Administration of antioxidant peptide SS-31 attenuates transverse aortic constriction-induced pulmonary arterial hypertension in mice. <i>Acta Pharmacologica Sinica</i> , 2016 , 37, 589-603	8	25
116	Adipose-derived mesenchymal stem cell-derived exosomes markedly protected the brain against sepsis syndrome induced injury in rat. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 3955-3971	3	24
115	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. <i>Oncotarget</i> , 2017 , 8, 17750-17762	3.3	23
114	Early administration of empagliflozin preserved heart function in cardiorenal syndrome in rat. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 658-670	7.5	23
113	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 Intervention-Phase I Clinical Trial. <i>Critical Care Medicine</i> , 2018 , 46, e411-e418	1.4	21
112	Extracorporeal shock wave effectively attenuates brain infarct volume and improves neurological function in rat after acute ischemic stroke. <i>American Journal of Translational Research (discontinued)</i> , 2015 , 7, 976-94	3	20
111	Inducible pluripotent stem cell-derived mesenchymal stem cell therapy effectively protected kidney from acute ischemia-reperfusion injury. <i>American Journal of Translational Research (discontinued)</i> , 2018 , 10, 3053-3067	3	20
110	Risk of aortic aneurysm and dissection in patients with autosomal-dominant polycystic kidney disease: a nationwide population-based cohort study. <i>Oncotarget</i> , 2017 , 8, 57594-57604	3.3	19

109	Peripheral blood-derived endothelial progenitor cell therapy prevented deterioration of chronic kidney disease in rats. <i>American Journal of Translational Research (discontinued)</i> , 2015 , 7, 804-24	3	19
108	Extracorporeal shock wave therapy effectively prevented diabetic neuropathy. <i>American Journal of Translational Research (discontinued)</i> , 2015 , 7, 2543-60	3	19
107	DPP-4 enzyme deficiency protects kidney from acute ischemia-reperfusion injury: role for remote intermittent bowel ischemia-reperfusion preconditioning. <i>Oncotarget</i> , 2017 , 8, 54821-54837	3.3	18
106	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. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	18
105	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. <i>Critical Care Medicine</i> , 2014 , 42, 1788-96	1.4	17
104	Innate immune response after acute myocardial infarction and pharmacomodulatory action of tacrolimus in reducing infarct size and preserving myocardial integrity. <i>Journal of Biomedical Science</i> , 2013 , 20, 82	13.3	17
103	Enhanced protection against renal ischemia-reperfusion injury with combined melatonin and exendin-4 in a rodent model. <i>Experimental Biology and Medicine</i> , 2016 , 241, 1588-602	3.7	17
102	Reducing TRPC1 Expression through Liposome-Mediated siRNA Delivery Markedly Attenuates Hypoxia-Induced Pulmonary Arterial Hypertension in a Murine Model. <i>Stem Cells International</i> , 2014 , 2014, 316214	5	16
101	Intravenous administration of iPS-MSC mobilized into CKD parenchyma and effectively preserved residual renal function in CKD rat. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 3593-3610	5.6	15
100	Combined Therapy with Extracorporeal Shock Wave and Adipose-Derived Mesenchymal Stem Cells Remarkably Improved Acute Ischemia-Reperfusion Injury of Quadriceps Muscle. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 6012636	6.7	15
99	Melatonin attenuated brain death tissue extract-induced cardiac damage by suppressing DAMP signaling. <i>Oncotarget</i> , 2018 , 9, 3531-3548	3.3	15
98	MicroRNA-mediated interacting circuits predict hypoxia and inhibited osteogenesis of stem cells, and dysregulated angiogenesis are involved in osteonecrosis of the femoral head. <i>International Orthopaedics</i> , 2018 , 42, 1605-1614	3.8	14
97	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. <i>Journal of Translational Medicine</i> , 2014 , 12, 101	8.5	14
96	Therapeutic effects of adipose-derived mesenchymal stem cells against brain death-induced remote organ damage and post-heart transplant acute rejection. <i>Oncotarget</i> , 2017 , 8, 108692-108711	3.3	14
95	Hyperbaric oxygen facilitates the effect of endothelial progenitor cell therapy on improving outcome of rat critical limb ischemia. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 1948-1964	3	14
94	Is Extracorporeal Membrane Oxygenator a New Weapon to Improve Prognosis in Patients With Profound Cardiogenic Shock Undergoing Primary Percutaneous Coronary Intervention?. <i>Circulation Journal</i> , 2016 , 80, 572-8	2.9	13
93	Exendin-4-assisted adipose derived mesenchymal stem cell therapy protects renal function against co-existing acute kidney ischemia-reperfusion injury and severe sepsis syndrome in rat. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 3167-3183	3	13
92	Preactivated and Disaggregated Shape-Changed Platelets Protected Against Acute Respiratory Distress Syndrome Complicated by Sepsis Through Inflammation Suppression. <i>Shock</i> , 2016 , 46, 575-586	3.4	12

91	Carotid stenting and endarterectomy. <i>International Journal of Cardiology</i> , 2016 , 214, 166-74	3.2	12
90	Effective protection against acute respiratory distress syndrome/sepsis injury by combined adipose-derived mesenchymal stem cells and preactivated disaggregated platelets. <i>Oncotarget</i> , 2017 , 8, 82415-82429	3.3	11
89	Exendin-4 protected against critical limb ischemia in obese mice. <i>American Journal of Translational Research (discontinued)</i> , 2015 , 7, 445-59	3	11
88	Synergistic effect of combined melatonin and adipose-derived mesenchymal stem cell (ADMSC)-derived exosomes on amelioration of dextran sulfate sodium (DSS)-induced acute colitis. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 2706-2724	3	11
87	Cardiovascular and Cerebrovascular Events Are Associated With Nontraumatic Osteonecrosis of the Femoral Head. <i>Clinical Orthopaedics and Related Research</i> , 2018 , 476, 865-874	2.2	11
86	The impact of previous ovarian surgery on ovarian reserve in patients with endometriosis. <i>BMC Women's Health</i> , 2015 , 15, 74	2.9	10
85	Impact of hyperglycemic control on left ventricular myocardium. A molecular and cellular basic study in a diabetic rat model. <i>International Heart Journal</i> , 2009 , 50, 191-206	1.8	10
84	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. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 1651-1666	3	10
83	2019 Consensus Statement of the Taiwan Hypertension Society and the Taiwan Society of Cardiology on Renal Denervation for the Management of Arterial Hypertension. <i>Acta Cardiologica Sinica</i> , 2019 , 35, 199-230	1.1	10
82	Sitagliptin and shock wave-supported peripheral blood derived endothelial progenitor cell therapy effectively preserves residual renal function in chronic kidney disease in rat-role of dipeptidyl peptidase 4 inhibition. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 111, 1088-1102	7.5	10
81	The therapeutic effect of rosuvastatin and propylthiouracil on ameliorating high-cholesterol diet-induced rabbit aortic atherosclerosis and stiffness. <i>International Journal of Cardiology</i> , 2017 , 227, 938-949	3.2	9
80	Extracorporeal shock wave treatment attenuated left ventricular dysfunction and remodeling in mini-pig with cardiorenal syndrome. <i>Oncotarget</i> , 2017 , 8, 54747-54763	3.3	9
79	Combined therapy with melatonin and exendin-4 effectively attenuated the deterioration of renal function in rat cardiorenal syndrome. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 214-229	3	9
78	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. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 827-838	6.9	9
77	Clinical utility of mean platelet volume and immature platelet fraction in acute coronary syndrome. <i>Biomedical Journal</i> , 2019 , 42, 107-115	7.1	8
76	Combination therapy of exendin-4 and allogenic adipose-derived mesenchymal stem cell preserved renal function in a chronic kidney disease and sepsis syndrome setting in rats. <i>Oncotarget</i> , 2017 , 8, 100002-100020	3.3	8
75	Effect of early administration of lower dose versus high dose of fresh mitochondria on reducing monocrotaline-induced pulmonary artery hypertension in rat. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 5151-5168	3	8
74	Therapeutic effects of adipose derived fresh stromal vascular fraction-containing stem cells versus cultured adipose derived mesenchymal stem cells on rescuing heart function in rat after acute myocardial infarction. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 67-86	3	8

73	The Correlation between Severity of Neurological Impairment and Left Ventricular Function in Patients after Acute Ischemic Stroke. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	8
72	Intra-carotid arterial transfusion of circulatory-derived autologous endothelial progenitor cells in rodent after ischemic stroke-evaluating the impact of the therapeutic time points on prognostic outcomes. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 219	8.3	7
71	Predictors of myocardial functional recovery following successful reperfusion of acute ST elevation myocardial infarction. <i>Echocardiography</i> , 2018 , 35, 1571-1578	1.5	7
70	SS31 therapy effectively protects the heart against transverse aortic constriction-induced hypertrophic cardiomyopathy damage. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 5220-5237	3	7
69	Human induced pluripotent stem cell-derived mesenchymal stem cell therapy effectively reduced brain infarct volume and preserved neurological function in rat after acute intracranial hemorrhage. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 6232-6248	3	7
68	Impact of chronic obstructive pulmonary disease on patient with acute myocardial infarction undergoing primary percutaneous coronary intervention. <i>Biomedical Journal</i> , 2013 , 36, 274-81	7.1	7
67	Xenogenic 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. <i>Cell Transplantation</i> , 2020 , 29, 963689720954140	4	7
66	Melatonin rescues cerebral ischemic events through upregulated tunneling nanotube-mediated mitochondrial transfer and downregulated mitochondrial oxidative stress in rat brain. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 139, 111593	7.5	7
65	Long-term Therapeutic Effects of Extracorporeal Shock Wave-Assisted Melatonin Therapy on Mononeuropathic Pain in Rats. <i>Neurochemical Research</i> , 2019 , 44, 796-810	4.6	7
64	Intra-carotid arterial transfusion of autologous circulatory derived CD34+ cells for old ischemic stroke patients - a phase I clinical trial to evaluate safety and tolerability. <i>American Journal of Translational Research (discontinued)</i> , 2018 , 10, 2975-2989	3	6
63	2020 Focused Update of the 2012 Guidelines of the Taiwan Society of Cardiology for the Management of ST-Segment Elevation Myocardial Infarction. <i>Acta Cardiologica Sinica</i> , 2020 , 36, 285-307 ^{1.1}		6
62	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. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 7518920	6.7	6
61	Nationwide study on the risk of unprovoked venous thromboembolism in non-traumatic osteonecrosis of femoral head. <i>International Orthopaedics</i> , 2018 , 42, 1469-1478	3.8	5
60	Risk of New-Onset Atrial Fibrillation Among Asian Chronic Hepatitis C Virus Carriers: A Nationwide Population-Based Cohort Study. <i>Journal of the American Heart Association</i> , 2019 , 8, e012914	6	5
59	Preactivated and disaggregated shape-changed platelets protect kidney against from ischemia-reperfusion injury in rat through attenuating inflammation reaction. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019 , 13, 2155-2168	4.4	5
58	An association between autosomal-dominant polycystic kidney disease and the risk of acute myocardial infarction in Asian population - results of a nationwide study. <i>Oncotarget</i> , 2017 , 8, 19365-19373 ^{3.3}		5
57	Entresto therapy effectively protects heart and lung against transverse aortic constriction induced cardiopulmonary syndrome injury in rat. <i>American Journal of Translational Research (discontinued)</i> , 2018 , 10, 2290-2305	3	5
56	Early administration of cold water and adipose derived mesenchymal stem cell derived exosome effectively protects the heart from ischemia-reperfusion injury. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 5375-5389	3	5

55	Valsartan- and melatonin-supported adipose-derived mesenchymal stem cells preserve renal function in chronic kidney disease rat through upregulation of prion protein participated in promoting PI3K-Akt-mTOR signaling and cell proliferation.. <i>Biomedicine and Pharmacotherapy</i> , 2021 146, 112551	7.5	5
54	Hepatic P-magnetic resonance spectroscopy identified the impact of melatonin-pretreated mitochondria in acute liver ischaemia-reperfusion injury. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 10088-10099	5.6	5
53	Losing Regulation of the Extracellular Matrix is Strongly Predictive of Unfavorable Prognostic Outcome after Acute Myocardial Infarction. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
52	Overexpression of miR-19a and miR-20a in iPS-MSCs preserves renal function of chronic kidney disease with acute ischaemia-reperfusion injury in rat. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 7675-7689	5.6	5
51	Dipeptidyl peptidase 4 promotes peritoneal fibrosis and its inhibitions prevent failure of peritoneal dialysis. <i>Communications Biology</i> , 2021 , 4, 144	6.7	5
50	Shock Wave Therapy Enhances Mitochondrial Delivery into Target Cells and Protects against Acute Respiratory Distress Syndrome. <i>Mediators of Inflammation</i> , 2018 , 2018, 5425346	4.3	5
49	Value and level of plasma homocysteine in patients with angina pectoris undergoing coronary angiographic study. <i>International Heart Journal</i> , 2011 , 52, 280-5	1.8	4
48	Circulating microparticles enhanced rat vascular wall remodeling following endothelial denudation. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 4511-4522	3	4
47	Impact of impaired cardiac function on the progression of chronic kidney disease---role of pharmacomodulation of valsartan. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 2548-2566	3	4
46	Protective effect of combined therapy with hyperbaric oxygen and autologous adipose-derived mesenchymal stem cells on renal function in rodent after acute ischemia-reperfusion injury. <i>American Journal of Translational Research (discontinued)</i> , 2020 , 12, 3272-3287	3	4
45	Umbilical cord-derived MSC and hyperbaric oxygen therapy effectively protected the brain in rat after acute intracerebral haemorrhage. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 5640-5654	5.6	4
44	Risks of Factor V rs6020 or Methylenetetrahydrofolate Reductase rs12121543 Polymorphism with Hyperhomocysteinemia in the Development of Osteonecrosis of the Femoral Head. <i>The Journal of Hip Surgery</i> , 2017 , 01, 061-066	0.2	3
43	Clinical characteristics and assisted reproductive technology outcomes in infertile foreign brides: comparison with native brides in south Taiwan. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2012 , 51, 31-4	1.6	3
42	Combined renin-angiotensin-aldosterone system blockade and statin therapy effectively reduces the risk of cerebrovascular accident in autosomal dominant polycystic kidney disease: a nationwide population-based cohort study. <i>Oncotarget</i> , 2017 , 8, 61570-61582	3.3	3
41	Therapeutic effect of rosuvastatin and propylthiouracil on ameliorating high-cholesterol diet-induced fatty liver disease, fibrosis and inflammation in rabbit. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 3827-3841	3	3
40	Extracorporeal shock wave therapy effectively protects brain against chronic cerebral hypo-perfusion-induced neuropathological changes. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 5074-5093	3	3
39	Role of double knockdown of tPA and MMP-9 on regulating the left ventricular function and remodeling followed by transverse aortic constriction-induced hypertrophic cardiomyopathy in mice. <i>American Journal of Translational Research (discontinued)</i> , 2018 , 10, 2781-2795	3	3
38	Endothelial progenitor cells, rosuvastatin and valsartan have a comparable effect on repair of balloon-denudated carotid artery injury. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 1282-1298	3	3

37	Human Umbilical Cord-Derived Mesenchymal Stem Cell Therapy Effectively Protected the Brain Architecture and Neurological Function in Rat After Acute Traumatic Brain Injury. <i>Cell Transplantation</i> , 2020 , 29, 963689720929313	4	3
36	Extracorporeal shock wave-assisted adipose-derived fresh stromal vascular fraction restores the blood flow of critical limb ischemia in rat. <i>Vascular Pharmacology</i> , 2019 , 113, 57-69	5.9	3
35	Risk of major adverse cardiovascular and cerebrovascular events in Taiwanese women with endometriosis. <i>Journal of the Formosan Medical Association</i> , 2021 , 120, 327-336	3.2	3
34	Preclinical and Clinical Application of Extracorporeal Shockwave for Ischemic Cardiovascular Disease. <i>Translational Research in Biomedicine</i> , 2018 , 87-101	0.1	2
33	Extracorporeal shock wave markedly alleviates radiation-induced chronic cystitis in rat. <i>American Journal of Translational Research (discontinued)</i> , 2018 , 10, 1036-1052	3	2
32	The combination of G9a histone methyltransferase inhibitors with erythropoietin protects heart against damage from acute myocardial infarction. <i>American Journal of Translational Research (discontinued)</i> , 2020 , 12, 3255-3271	3	2
31	Circulatory Rejuvenated EPCs Derived from PAOD Patients Treated by CD34 Cells and Hyperbaric Oxygen Therapy Salvaged the Nude Mouse Limb against Critical Ischemia. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
30	Double overexpression of miR-19a and miR-20a in induced pluripotent stem cell-derived mesenchymal stem cells effectively preserves the left ventricular function in dilated cardiomyopathic rat. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 371	8.3	2
29	Intracoronary Injection of Autologous CD34+ Cells Improves One-Year Left Ventricular Systolic Function in Patients with Diffuse Coronary Artery Disease and Preserved Cardiac Performance-A Randomized, Open-Label, Controlled Phase II Clinical Trial. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
28	Soluble ST2 is a Useful Biomarker for Grading Cerebral-Cardiac Syndrome in Patients after Acute Ischemic Stroke. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	1
27	Impact of Double Loading Regimen of Clopidogrel on Final Angiographic Results, Incidence of Upper Gastrointestinal Bleeding and Clinical Outcomes in Patients with STEMI Undergoing Primary Coronary Intervention. <i>International Heart Journal</i> , 2017 , 58, 686-694	1.8	1
26	Extracorporeal Shock Wave Therapy Salvages Critical Limb Ischemia in B6 Mice through Upregulating Cell Proliferation Signaling and Angiogenesis.. <i>Biomedicines</i> , 2022 , 10,	4.8	1
25	Early intramyocardial implantation of exogenous mitochondria effectively preserved left ventricular function in doxorubicin-induced dilated cardiomyopathy rat. <i>American Journal of Translational Research (discontinued)</i> , 2020 , 12, 4612-4627	3	1
24	Uremic toxic substances are essential elements for enhancing carotid artery stenosis after balloon-induced endothelial denudation: worsening role of the adventitial layer. <i>American Journal of Translational Research (discontinued)</i> , 2020 , 12, 7144-7159	3	1
23	Levels of circulating neopterin in patients with severe carotid artery stenosis undergoing carotid stenting. <i>Journal of Atherosclerosis and Thrombosis</i> , 2014 , 21, 129-39	4	1
22	Dipeptidyl Peptidase-4 deficiency effectively protects the brain and neurological function in rodent after acute Hemorrhagic Stroke. <i>International Journal of Biological Sciences</i> , 2020 , 16, 3116-3132	11.2	1
21	Synergic effect of combined cyclosporin and melatonin protects the brain against acute ischemic reperfusion injury. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 136, 111266	7.5	1
20	Investigation of echocardiographic characteristics and predictors for persistent defects of patent foramen ovale or patent ductus arteriosus in Chinese newborns. <i>Biomedical Journal</i> , 2021 , 44, 209-216	7.1	1

19	Combined melatonin-adipose derived mesenchymal stem cells therapy effectively protected the testis from testicular torsion-induced ischemia-reperfusion injury. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 370	8.3	1
18	Risk of Venous Thromboembolic Events in Patients with Osteonecrosis of the Femoral Head Undergoing Primary Hip Arthroplasty. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	1
17	Correlation between Therapeutic Efficacy of CD34 Cell Treatment and Directed Angiogenesis in Patients with End-Stage Diffuse Coronary Artery Disease. <i>Stem Cells International</i> , 2018 , 2018, 9591421	5	1
16	Combined high energy of extracorporeal shock wave and 5-FU effectively suppressed the proliferation and growth of tongue squamous cell carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 142, 112036	7.5	1
15	Intrarenal arterial administration of human umbilical cord-derived mesenchymal stem cells effectively preserved the residual renal function of diabetic kidney disease in rat.. <i>Stem Cell Research and Therapy</i> , 2022 , 13, 186	8.3	1
14	No correlation between body mass index and 30-day prognostic outcome in Asians with acute ST-elevation myocardial infarction undergoing primary coronary intervention. <i>Biomedical Journal</i> , 2017 , 40, 169-177	7.1	0
13	Long-term effect of extracorporeal shock wave therapy on attenuating radiation-induced chronic cystitis in rat. <i>American Journal of Translational Research (discontinued)</i> , 2020 , 12, 999-1015	3	0
12	Combined tacrolimus and melatonin effectively protected kidney against acute ischemia-reperfusion injury. <i>FASEB Journal</i> , 2021 , 35, e21661	0.9	0
11	Early treatment with combination of SS31 and entresto effectively preserved the heart function in doxorubicin-induced dilated cardiomyopathic rat. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111886	7.5	0
10	Combined levosimendan and Sacubitril/Valsartan markedly protected the heart and kidney against cardiorenal syndrome in rat.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 148, 112745	7.5	0
9	Decreased Ankyrin Expression Is Associated with Repressed eNOS Signaling, Cell Proliferation, and Osteogenic Differentiation in Osteonecrosis of the Femoral Head.. <i>Journal of Bone and Joint Surgery - Series A</i> , 2022 , 104, 2-12	5.6	0
8	Level and Value of T Cell-derived Circulating Microparticles in Liver Cirrhosis Patients. <i>In Vivo</i> , 2019 , 33, 2265-2272	2.3	
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4	Unexpected entrapment of a guidewire by bioresorbable vascular scaffold deployment at a calcified coronary lesion. <i>EuroIntervention</i> , 2016 , 12, 874	3.1	
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- 1 Quality and quantity culture effectively restores functional and proliferative capacities of endothelial progenitor cell in end-stage renal disease patients. *Stem Cell Research*, **2021**, 53, 102264 1.6