

Pei-Hsun Sung

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
143	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
142	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
141	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
140	Intra-Coronary Administration of Tacrolimus Improves Myocardial Perfusion and Left Ventricular Function in Patients with ST-Segment Elevation Myocardial Infarction (COAT-STEMI) Undergoing Primary Percutaneous Coronary Intervention. <i>Acta Cardiologica Sinica</i> , 2021 , 37, 239-253	1.1	
139	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	7.5	5
138	Additional benefit of induced pluripotent stem cell-derived mesenchymal stem cell therapy on sepsis syndrome-associated acute kidney injury in rat treated with antibiotic. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 526	8.3	
137	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
136	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
135	Combined tacrolimus and melatonin effectively protected kidney against acute ischemia-reperfusion injury. <i>FASEB Journal</i> , 2021 , 35, e21661	0.9	0
134	Quality and quantity culture effectively restores functional and proliferative capacities of endothelial progenitor cell in end-stage renal disease patients. <i>Stem Cell Research</i> , 2021 , 53, 102264	1.6	
133	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
132	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
131	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
130	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
129	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
128	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

127	Dipeptidyl peptidase 4 promotes peritoneal fibrosis and its inhibitions prevent failure of peritoneal dialysis. <i>Communications Biology</i> , 2021 , 4, 144	6.7	5
126	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
125	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
124	Human Umbilical Cord-Derived Mesenchymal Stem Cells for Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2020 , 48, e391-e399	1.4	31
123	Intra-carotid arterial transfusion of circulatory-derived autologous endothelial progenitor cells in rodent after ischemic stroke-evaluating the impact of therapeutic time points on prognostic outcomes. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 219	8.3	7
122	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
121	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
120	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
119	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
118	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
117	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
116	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
115	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
114	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. <i>Cell Transplantation</i> , 2020 , 29, 963689720954140	4	7
113	The authors reply. <i>Critical Care Medicine</i> , 2020 , 48, e988	1.4	
112	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
111	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
110	Baseline factors identified for the prediction of good responders in patients with end-stage diffuse coronary artery disease undergoing intracoronary CD34+ cell therapy. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 324	8.3	

109	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
108	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
107	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
106	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
105	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
104	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
103	Level and Value of T Cell-derived Circulating Microparticles in Liver Cirrhosis Patients. <i>In Vivo</i> , 2019 , 33, 2265-2272	2.3	
102	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
101	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
100	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
99	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
98	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
97	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
96	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
95	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
94	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
93	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
92	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

91	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
90	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
89	Early administration of empagliflozin preserved heart function in cardiorenal syndrome in rat. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 658-670	7.5	23
88	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
87	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
86	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
85	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
84	Preclinical and Clinical Application of Extracorporeal Shockwave for Ischemic Cardiovascular Disease. <i>Translational Research in Biomedicine</i> , 2018 , 87-101	0.1	2
83	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
82	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
81	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
80	Predictors of myocardial functional recovery following successful reperfusion of acute ST elevation myocardial infarction. <i>Echocardiography</i> , 2018 , 35, 1571-1578	1.5	7
79	Melatonin attenuated brain death tissue extract-induced cardiac damage by suppressing DAMP signaling. <i>Oncotarget</i> , 2018 , 9, 3531-3548	3.3	15
78	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
77	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
76	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
75	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
74	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

73	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
72	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
71	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
70	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
69	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
68	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
67	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
66	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
65	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
64	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
63	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
62	Melatonin enhances survival and preserves functional integrity of stem cells: A review. <i>Journal of Pineal Research</i> , 2017 , 62, e12372	10.4	28
61	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
60	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
59	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
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	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
56	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

55	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
54	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
53	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
52	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
51	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	3.2	8
50	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
49	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
48	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
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	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
45	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
44	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
43	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
42	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 , 202, 110-117	3.2	29
41	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
40	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
39	Human lung cancer-derived microparticles enhanced angiogenesis and growth of hepatoma cells in rodent lung parenchyma. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 1302-18	3	
38	Circulating microparticles enhanced rat vascular wall remodeling following endothelial denudation. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 4511-4522	3	4

37	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
36	Unexpected entrapment of a guidewire by bioresorbable vascular scaffold deployment at a calcified coronary lesion. <i>EuroIntervention</i> , 2016 , 12, 874	3.1	
35	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
34	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
33	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
32	Carotid stenting and endarterectomy. <i>International Journal of Cardiology</i> , 2016 , 214, 166-74	3.2	12
31	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
30	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
29	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
28	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
27	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
26	Early Administration of Carvedilol Protected against Doxorubicin-Induced Cardiomyopathy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 355, 516-27	4.7	31
25	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
24	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
23	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
22	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
21	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
20	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

19	Exendin-4 protected against critical limb ischemia in obese mice. <i>American Journal of Translational Research (discontinued)</i> , 2015 , 7, 445-59	3	11
18	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
17	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
16	Extracorporeal shock wave therapy effectively prevented diabetic neuropathy. <i>American Journal of Translational Research (discontinued)</i> , 2015 , 7, 2543-60	3	19
15	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
14	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
13	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
12	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
11	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, 439-58	3	26
10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	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
2	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

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