

Lianming Liao

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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.

108
papers

5,509
citations

36
h-index

73
g-index

109
ext. papers

6,017
ext. citations

3.8
avg, IF

5.22
L-index

#	Paper	IF	Citations
108	Human adipose tissue-derived stem cells differentiate into endothelial cells in vitro and improve postnatal neovascularization in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 332, 370-9	3.4	585
107	Induction therapy with autologous mesenchymal stem cells in living-related kidney transplants: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 307, 1169-77	27.4	431
106	Effects of mesenchymal stem cells on differentiation, maturation, and function of human monocyte-derived dendritic cells. <i>Stem Cells and Development</i> , 2004 , 13, 263-71	4.4	406
105	Regulation of CXCR4 expression in human mesenchymal stem cells by cytokine treatment: role in homing efficiency in NOD/SCID mice. <i>Haematologica</i> , 2007 , 92, 897-904	6.6	269
104	Mesenchymal stem cells induce mature dendritic cells into a novel Jagged-2-dependent regulatory dendritic cell population. <i>Blood</i> , 2009 , 113, 46-57	2.2	240
103	Systemic infusion of FLK1(+) mesenchymal stem cells ameliorate carbon tetrachloride-induced liver fibrosis in mice. <i>Transplantation</i> , 2004 , 78, 83-8	1.8	214
102	Proliferation and differentiation of bone marrow stromal cells under hypoxic conditions. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 347, 12-21	3.4	172
101	miR-17-5p promotes human breast cancer cell migration and invasion through suppression of HBP1. <i>Breast Cancer Research and Treatment</i> , 2011 , 126, 565-75	4.4	163
100	Effect of bisphenol A on steroid hormone production in rat ovarian theca-interstitial and granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2008 , 283, 12-8	4.4	159
99	Isolation and identification of mesenchymal stem cells from human fetal pancreas. <i>Translational Research</i> , 2003 , 141, 342-9		147
98	MicroRNA hsa-miR-138 inhibits adipogenic differentiation of human adipose tissue-derived mesenchymal stem cells through adenovirus EID-1. <i>Stem Cells and Development</i> , 2011 , 20, 259-67	4.4	143
97	Effects of allogeneic bone marrow-derived mesenchymal stem cells on T and B lymphocytes from BXSB mice. <i>DNA and Cell Biology</i> , 2005 , 24, 458-63	3.6	126
96	Engrafted bone marrow-derived flk-(1+) mesenchymal stem cells regenerate skin tissue. <i>Tissue Engineering</i> , 2005 , 11, 110-9		122
95	Treatment of severe therapy-resistant acute graft-versus-host disease with human adipose tissue-derived mesenchymal stem cells. <i>Bone Marrow Transplantation</i> , 2006 , 38, 389-90	4.4	108
94	miR-17-5p and miR-106a are involved in the balance between osteogenic and adipogenic differentiation of adipose-derived mesenchymal stem cells. <i>Stem Cell Research</i> , 2013 , 10, 313-24	1.6	105
93	Umbilical Cord Mesenchymal Stromal Cell With Autologous Bone Marrow Cell Transplantation in Established Type 1 Diabetes: A Pilot Randomized Controlled Open-Label Clinical Study to Assess Safety and Impact on Insulin Secretion. <i>Diabetes Care</i> , 2016 , 39, 149-57	14.6	101
92	Injured microenvironment directly guides the differentiation of engrafted Flk-1(+) mesenchymal stem cell in lung. <i>Experimental Hematology</i> , 2007 , 35, 1466-75	3.1	99

91	Applications of Nanoparticles for Anticancer Drug Delivery: A Review. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 4753-73	1.3	91
90	Mesenchymal-stem-cell-based experimental and clinical trials: current status and open questions. <i>Expert Opinion on Biological Therapy</i> , 2011 , 11, 893-909	5.4	87
89	Identification of human chronic myelogenous leukemia progenitor cells with hemangioblastic characteristics. <i>Blood</i> , 2005 , 105, 2733-40	2.2	72
88	Not a process of simple vicariousness, the differentiation of human adipose-derived mesenchymal stem cells to renal tubular epithelial cells plays an important role in acute kidney injury repairing. <i>Stem Cells and Development</i> , 2010 , 19, 1267-75	4.4	70
87	Adipose-derived mesenchymal stem cells protect PC12 cells from glutamate excitotoxicity-induced apoptosis by upregulation of XIAP through PI3-K/Akt activation. <i>Toxicology</i> , 2011 , 279, 189-95	4.4	68
86	Mesenchymal stem/stromal cells induce the generation of novel IL-10-dependent regulatory dendritic cells by SOCS3 activation. <i>Journal of Immunology</i> , 2012 , 189, 1182-92	5.3	67
85	Electrosurgical enucleation versus bipolar transurethral resection for prostates larger than 70 ml: a prospective, randomized trial with 5-year followup. <i>Journal of Urology</i> , 2013 , 189, 1427-31	2.5	65
84	Allogeneic bone marrow-derived flk-1+Sca-1- mesenchymal stem cells leads to stable mixed chimerism and donor-specific tolerance. <i>Experimental Hematology</i> , 2004 , 32, 861-7	3.1	65
83	Hemangioblastic characteristics of fetal bone marrow-derived Flk1(+)/CD31(-)/CD34(-) cells. <i>Experimental Hematology</i> , 2003 , 31, 650-8	3.1	59
82	Subcutaneous administration of liraglutide ameliorates learning and memory impairment by modulating tau hyperphosphorylation via the glycogen synthase kinase-3 β pathway in an amyloid β protein induced alzheimer disease mouse model. <i>European Journal of Pharmacology</i> , 2016 , 783, 23-32	5.3	59
81	Plasmakinetic enucleation of the prostate compared with open prostatectomy for prostates larger than 100 grams: a randomized noninferiority controlled trial with long-term results at 6 years. <i>European Urology</i> , 2014 , 66, 284-91	10.2	58
80	Intracerebral transplantation of mesenchymal stem cells derived from human umbilical cord blood alleviates hypoxic ischemic brain injury in rat neonates. <i>Journal of Perinatal Medicine</i> , 2010 , 38, 215-21	2.7	51
79	Mechanisms of and perspectives on the mesenchymal stem cell in immunotherapy. <i>Translational Research</i> , 2004 , 143, 284-91		51
78	Benzo[a]pyrene induces oxidative stress and endothelial progenitor cell dysfunction via the activation of the NF- κ B pathway. <i>International Journal of Molecular Medicine</i> , 2013 , 31, 922-30	4.4	49
77	Mesenchymal stem cells ameliorate ischemia-reperfusion-induced renal dysfunction by improving the antioxidant/oxidant balance in the ischemic kidney. <i>Urologia Internationalis</i> , 2011 , 86, 191-6	1.9	49
76	Multiorgan engraftment and multilineage differentiation by human fetal bone marrow Flk1+/CD31-/CD34- Progenitors. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2003 , 12, 603-13		45
75	Overexpression of β 63 β induces a stem cell phenotype in MCF7 breast carcinoma cell line through the Notch pathway. <i>Cancer Science</i> , 2010 , 101, 2417-24	6.9	44
74	Effect of Granulocyte-Macrophage Colony-Stimulating Factor on Prevention and Treatment of Invasive Fungal Disease in Recipients of Allogeneic Stem-Cell Transplantation: A Prospective Multicenter Randomized Phase IV Trial. <i>Journal of Clinical Oncology</i> , 2015 , 33, 3999-4006	2.2	43

73	Cell therapy with autologous mesenchymal stem cells-how the disease process impacts clinical considerations. <i>Cytotherapy</i> , 2013 , 15, 893-904	4.8	37
72	Human adipose tissue-derived mesenchymal stem cells facilitate the immunosuppressive effect of cyclosporin A on T lymphocytes through Jagged-1-mediated inhibition of NF- κ B signaling. <i>Experimental Hematology</i> , 2011 , 39, 214-224.e1	3.1	35
71	Inhibition of hepatic stellate cells proliferation by mesenchymal stem cells and the possible mechanisms. <i>Hepatology Research</i> , 2009 , 39, 1219-28	5.1	35
70	Ethyl acetate extraction from a Chinese herbal formula, Jiedu Xiaozheng Yin, inhibits the proliferation of hepatocellular carcinoma cells via induction of G0/G1 phase arrest in vivo and in vitro. <i>International Journal of Oncology</i> , 2013 , 42, 202-10	4.4	34
69	Stepwise differentiation of human adipose-derived mesenchymal stem cells toward definitive endoderm and pancreatic progenitor cells by mimicking pancreatic development in vivo. <i>Stem Cells and Development</i> , 2013 , 22, 1576-87	4.4	30
68	Multipotency of Flk1CD34 progenitors derived from human fetal bone marrow. <i>Translational Research</i> , 2004 , 143, 230-40		30
67	The quality of reports of randomized clinical trials on traditional Chinese medicine treatments: a systematic review of articles indexed in the China National Knowledge Infrastructure database from 2005 to 2012. <i>BMC Complementary and Alternative Medicine</i> , 2014 , 14, 362	4.7	27
66	Simultaneous islet and kidney transplantation in seven patients with type 1 diabetes and end-stage renal disease using a glucocorticoid-free immunosuppressive regimen with alemtuzumab induction. <i>Diabetes</i> , 2008 , 57, 2666-71	0.9	27
65	Traditional Chinese medicine syndrome-related herbal prescriptions in treatment of malignant tumors. <i>Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine</i> , 2013 , 33, 19-26		25
64	Cytokine array analysis of peritoneal fluid between women with endometriosis of different stages and those without endometriosis. <i>Biomarkers</i> , 2009 , 14, 604-18	2.6	25
63	Autologous bone marrow mononuclear cell infusion and hyperbaric oxygen therapy in type 2 diabetes mellitus: an open-label, randomized controlled clinical trial. <i>Cytotherapy</i> , 2014 , 16, 258-65	4.8	24
62	Antitumor and immunomodulatory effects of low-dose 5-FU on hepatoma 22 tumor-bearing mice. <i>Oncology Letters</i> , 2014 , 7, 1260-1264	2.6	24
61	Jiedu Xiaozheng Yin, a Chinese herbal formula, inhibits tumor angiogenesis via downregulation of VEGF-A and VEGFR-2 expression in vivo and in vitro. <i>Oncology Reports</i> , 2013 , 29, 1080-6	3.5	20
60	Quercetin-mediated apoptosis via activation of the mitochondrial-dependent pathway in MG-63 osteosarcoma cells. <i>Molecular Medicine Reports</i> , 2011 , 4, 1017-23	2.9	20
59	A retrospective study of salvage surgery for recurrent nasopharyngeal carcinoma. <i>International Journal of Clinical Oncology</i> , 2012 , 17, 212-7	4.2	18
58	Efficacy of intracellular immune checkpoint-silenced DC vaccine. <i>JCI Insight</i> , 2018 , 3,	9.9	18
57	Exploration of the mechanisms by which 3,4-benzopyrene promotes angiotensin II-induced abdominal aortic aneurysm formation in mice. <i>Journal of Vascular Surgery</i> , 2014 , 59, 492-9	3.5	17
56	In vitro antioxidant activities of endophytic fungi isolated from the liverwort <i>Scapania verrucosa</i> . <i>Genetics and Molecular Research</i> , 2011 , 10, 3169-79	1.2	17

55	Role of interleukin-1 receptor type II in the pathogenesis of endometriosis. <i>Fertility and Sterility</i> , 2008 , 89, 42-51	4.8	17
54	NANOG has a role in mesenchymal stem cells immunomodulatory effect. <i>Stem Cells and Development</i> , 2011 , 20, 1521-8	4.4	16
53	Effects of Yangxue Qingnao Granules on chronic cerebral circulation insufficiency: a randomized, double-blind, double-dummy, controlled multicentre trial. <i>Psychogeriatrics</i> , 2013 , 13, 29-34	1.8	15
52	An overview of stem cell-based clinical trials in China. <i>Stem Cells and Development</i> , 2008 , 17, 613-8	4.4	15
51	TAp63 β mediates chemotherapeutic agent-induced apoptosis in human bone marrow mesenchymal stem cells. <i>Stem Cells and Development</i> , 2011 , 20, 1319-26	4.4	14
50	Small intestinal organoid-derived SP cells contribute to repair of irradiation-induced skin injury. <i>Stem Cells and Development</i> , 2005 , 14, 285-91	4.4	14
49	Stem cell research in China. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007 , 362, 1107-12	5.8	13
48	Identification of small segmental translocations in patients with repeated implantation failure and recurrent miscarriage using next generation sequencing after in vitro fertilization/intracytoplasmic sperm injection. <i>Molecular Cytogenetics</i> , 2015 , 8, 105	2	12
47	Enhancement of antitumor activity of low-dose 5-fluorouracil by combination with Fuzheng-Yiliu granules in hepatoma 22 tumor-bearing mice. <i>Integrative Cancer Therapies</i> , 2013 , 12, 174-81	3	12
46	A comparative study of 3-week and 6-week duration of double-J stent placement in renal transplant recipients. <i>Urologia Internationalis</i> , 2012 , 89, 89-92	1.9	12
45	Protective effects of mesenchymal stromal cells on adriamycin-induced minimal change nephrotic syndrome in rats and possible mechanisms. <i>Cytotherapy</i> , 2014 , 16, 471-84	4.8	11
44	Active hexose correlated compound potentiates the antitumor effects of low-dose 5-fluorouracil through modulation of immune function in hepatoma 22 tumor-bearing mice. <i>Nutrition Research and Practice</i> , 2015 , 9, 129-36	2.1	11
43	Macrophage migration inhibitory factor polymorphism is associated with susceptibility to inflammatory coronary heart disease. <i>BioMed Research International</i> , 2015 , 2015, 315174	3	11
42	Cervical lymph node metastasis classified as regional nodal staging in thoracic esophageal squamous cell carcinoma after radical esophagectomy and three-field lymph node dissection. <i>BMC Surgery</i> , 2014 , 14, 110	2.3	11
41	High- vs low-power holmium laser lithotripsy: a prospective, randomized study in patients undergoing multitract minipercutaneous nephrolithotomy. <i>Urology</i> , 2012 , 79, 293-7	1.6	11
40	Ethanol extract of Nakai induces apoptosis in cancer cells and suppresses tumor growth in mice. <i>Oncology Letters</i> , 2013 , 6, 256-260	2.6	11
39	Relation of phosphodiesterase type 5 inhibitors and malignant melanoma: a meta-analysis and systematic review. <i>Oncotarget</i> , 2017 , 8, 46461-46467	3.3	11
38	Fuzheng Qingjie Granules Inhibit Growth of Hepatoma Cells via Inducing Mitochondria-Mediated Apoptosis and Enhancing Immune Function. <i>Integrative Cancer Therapies</i> , 2017 , 16, 329-338	3	9

37	Very early recurrence predicts long-term outcome in patients after atrial fibrillation catheter ablation: a prospective study. <i>BMC Cardiovascular Disorders</i> , 2017 , 17, 109	2.3	9
36	Dendritic cell-based vaccination for renal cell carcinoma: challenges in clinical trials. <i>Immunotherapy</i> , 2012 , 4, 1031-42	3.8	9
35	Preoperative colonic lesion localization with charcoal nanoparticle tattooing for laparoscopic colorectal surgery. <i>Journal of Biomedical Nanotechnology</i> , 2013 , 9, 2123-5	4	9
34	Comparison of the short-term and long-term outcomes of surgical treatment versus endoscopic treatment for early esophageal squamous cell neoplasia larger than 2cm: a retrospective study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019 , 33, 2304-2312	5.2	9
33	Digestive system manifestations and clinical significance of coronavirus disease 2019: A systematic literature review. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021 , 36, 1414-1422	4	9
32	The protective effect of astragaloside IV against benzo[a]pyrene induced endothelial progenitor cell dysfunction. <i>Life Sciences</i> , 2015 , 132, 13-9	6.8	8
31	Increased perihematomal neuron autophagy and plasma thrombin-antithrombin levels in patients with intracerebral hemorrhage: An observational study. <i>Medicine (United States)</i> , 2019 , 98, e17130	1.8	8
30	Red yeast rice induces less muscle fatigue symptom than simvastatin in dyslipidemic patients: a single center randomized pilot trial. <i>BMC Cardiovascular Disorders</i> , 2017 , 17, 127	2.3	7
29	Pre-treatment with EDTA-gallium prevents the formation of biofilms on surfaces. <i>Experimental and Therapeutic Medicine</i> , 2013 , 5, 1001-1004	2.1	7
28	Evaluation of Hemostatic Effects of Carbonized Hair-Loaded Poly(L-Lactic) Acid Nanofabrics. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 4193-9	1.3	6
27	Long non-coding RNA TCONS_00000200 as a non-invasive biomarker in patients with intracranial aneurysm. <i>Bioscience Reports</i> , 2019 , 39,	4.1	6
26	Mechanical stretching of pulmonary vein stimulates matrix metalloproteinase-9 and transforming growth factor- β through stretch-activated channel/MAPK pathways in pulmonary hypertension due to left heart disease model rats. <i>PLoS ONE</i> , 2020 , 15, e0235824	3.7	6
25	Retrospective study of selective neck dissection versus radical neck dissection as salvage therapy for patients with recurrent nasopharyngeal squamous cell carcinoma. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014 , 42, 1655-8	3.6	5
24	Jiedu Xiaozheng Yin decoction inhibits hepatoma cell proliferation by inducing apoptosis via the mitochondrial-mediated pathway. <i>Molecular Medicine Reports</i> , 2015 , 12, 2800-6	2.9	5
23	No association of endometriosis with galactose-1-phosphate uridyl transferase mutations in a Chinese population. <i>Environmental and Molecular Mutagenesis</i> , 2006 , 47, 307-9	3.2	5
22	Synergistic effect of APRIL knockdown and Jiedu Xiaozheng Yin, a Chinese medicinal recipe, on the inhibition of hepatocellular carcinoma cell proliferation. <i>Oncology Reports</i> , 2017 , 37, 754-760	3.5	4
21	Mitochondria-Targeted Nanoparticles: A Promising Drug Delivery System. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 6690-6696	1.3	4
20	Nanoparticle-dependent labeling of mesenchymal stem cell. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 958-68	1.3	4

19	Identification of core biomarkers associated with pathogenesis and prognostic outcomes of laryngeal squamous-cell cancer using bioinformatics analysis. <i>European Archives of Oto-Rhino-Laryngology</i> , 2020 , 277, 1397-1408	3.5	4
18	The Inhibition of Escherichia coli Biofilm Formation by Gallium Nitrate-Modified Titanium. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 5605-9	1.3	3
17	Comparing Cerebralcare Granule and aspirin for neurological dysfunction in acute stroke in real-life practice. <i>Psychogeriatrics</i> , 2017 , 17, 3-8	1.8	2
16	Prevalence and management of post-transplant anemia in long-term follow-up of Chinese kidney transplant recipients: a single-center report. <i>European Journal of Medical Research</i> , 2013 , 18, 45	4.8	2
15	Expanding Sca-1(+) mammary stem cell in the presence of oestrogen and growth hormone. <i>Clinical and Translational Oncology</i> , 2012 , 14, 444-51	3.6	2
14	Prognostic nomogram based on immune scores for laryngeal squamous cell cancer. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021 , 278, 141-148	3.5	2
13	Mesenchymal Stem Cells and Their Immunomodulatory Properties. <i>Translational Medicine Research</i> , 2015 , 67-83		1
12	Clinical efficacy and safety of stem cells in refractory Crohn's disease: A systematic review. <i>Journal of Cellular Immunotherapy</i> , 2016 , 2, 21-27		1
11	Insulin independence after islet transplantation through an indwelling catheter in the right gastric vein. <i>International Journal of Artificial Organs</i> , 2013 , 36, 620-3	1.9	0
10	Preparation of Wogonin from Radix Scutellariae and its Inhibitory Effects on the Growth of HepG2 Cells. <i>Current Pharmaceutical Analysis</i> , 2016 , 12, 91-95	0.6	0
9	Effect and Safety of Miniscalpel Acupuncture as Add-On Treatment for Opioid-Resistant Pain After Video-Assisted Thoracic Surgery: A Pilot Study. <i>Journal of Alternative and Complementary Medicine</i> , 2020 , 26, 435-436	2.4	
8	Detection of a CD4+CD8-CD3- cell subpopulation during the differentiation of cord blood CD34+ cells into T cells in vitro. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2009 , 57, 213-9	4	
7	Mesenchymal Stem Cell and Hematopoietic Stem Cell Transplantation for Vasculitis 2021 , 221-230		
6	Immunomodulatory Properties of Mesenchymal Stem Cells and Related Applications 2013 , 47-62		
5	Climate change and health. <i>Lancet, The</i> , 2016 , 387, 431-2	40	
4	Mechanical stretching of pulmonary vein stimulates matrix metalloproteinase-9 and transforming growth factor- β through stretch-activated channel/MAPK pathways in pulmonary hypertension due to left heart disease model rats 2020 , 15, e0235824		
3	Mechanical stretching of pulmonary vein stimulates matrix metalloproteinase-9 and transforming growth factor- β through stretch-activated channel/MAPK pathways in pulmonary hypertension due to left heart disease model rats 2020 , 15, e0235824		
2	Mechanical stretching of pulmonary vein stimulates matrix metalloproteinase-9 and transforming growth factor- β through stretch-activated channel/MAPK pathways in pulmonary hypertension due to left heart disease model rats 2020 , 15, e0235824		

- 1 Mechanical stretching of pulmonary vein stimulates matrix metalloproteinase-9 and transforming growth factor- β through stretch-activated channel/MAPK pathways in pulmonary hypertension due to left heart disease model rats **2020**, 15, e0235824