

Lianming Liao

List of Publications by Year in descending order

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109
papers

6,510
citations

87723

38
h-index

64668

79
g-index

109
all docs

109
docs citations

109
times ranked

9705
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 370-379.	1.0	659
2	Induction Therapy With Autologous Mesenchymal Stem Cells in Living-Related Kidney Transplants. <i>JAMA - Journal of the American Medical Association</i> , 2012, 307, 1169.	3.8	491
3	Effects of Mesenchymal Stem Cells on Differentiation, Maturation, and Function of Human Monocyte-Derived Dendritic Cells. <i>Stem Cells and Development</i> , 2004, 13, 263-271.	1.1	437
4	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.	1.7	302
5	Mesenchymal stem cells induce mature dendritic cells into a novel Jagged-2-dependent regulatory dendritic cell population. <i>Blood</i> , 2009, 113, 46-57.	0.6	274
6	Systemic Infusion of FLK1+ Mesenchymal Stem Cells Ameliorate Carbon Tetrachloride-Induced Liver Fibrosis in Mice. <i>Transplantation</i> , 2004, 78, 83-88.	0.5	246
7	Proliferation and differentiation of bone marrow stromal cells under hypoxic conditions. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 12-21.	1.0	194
8	Effect of bisphenol A on steroid hormone production in rat ovarian theca-interstitial and granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2008, 283, 12-18.	1.6	194
9	miR-17-5p promotes human breast cancer cell migration and invasion through suppression of HBP1. <i>Breast Cancer Research and Treatment</i> , 2011, 126, 565-575.	1.1	186
10	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, 259-267.	1.1	176
11	Isolation and identification of mesenchymal stem cells from human fetal pancreas. <i>Translational Research</i> , 2003, 141, 342-349.	2.4	173
12	Effects of Allogeneic Bone Marrow-Derived Mesenchymal Stem Cells on T and B Lymphocytes from BXS B Mice. <i>DNA and Cell Biology</i> , 2005, 24, 458-463.	0.9	147
13	Engrafted Bone Marrow-Derived Flk-1+ Mesenchymal Stem Cells Regenerate Skin Tissue. <i>Tissue Engineering</i> , 2005, 11, 110-119.	4.9	140
14	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, 149-157.	4.3	139
15	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, 313-324.	0.3	134
16	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, 389-390.	1.3	128
17	Applications of Nanoparticles for Anticancer Drug Delivery: A Review. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4753-4773.	0.9	119
18	Injured microenvironment directly guides the differentiation of engrafted Flk-1+ mesenchymal stem cell in lung. <i>Experimental Hematology</i> , 2007, 35, 1466-1475.	0.2	112

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19	Mesenchymal-stem-cell-based experimental and clinical trials: current status and open questions. Expert Opinion on Biological Therapy, 2011, 11, 893-909.	1.4	106
20	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. European Journal of Pharmacology, 2016, 783, 23-32.	1.7	85
21	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. European Urology, 2014, 66, 284-291.	0.9	82
22	Electrosurgical Enucleation Versus Bipolar Transurethral Resection for Prostates Larger than 70 ml: A Prospective, Randomized Trial with 5-Year Followup. Journal of Urology, 2013, 189, 1427-1431.	0.2	81
23	Adipose-derived mesenchymal stem cells protect PC12 cells from glutamate excitotoxicity-induced apoptosis by upregulation of XIAP through PI3-K/Akt activation. Toxicology, 2011, 279, 189-195.	2.0	80
24	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. Stem Cells and Development, 2010, 19, 1267-1275.	1.1	79
25	Identification of human chronic myelogenous leukemia progenitor cells with hemangioblastic characteristics. Blood, 2005, 105, 2733-2740.	0.6	78
26	Mesenchymal Stem/Stromal Cells Induce the Generation of Novel IL-10 α -Dependent Regulatory Dendritic Cells by SOCS3 Activation. Journal of Immunology, 2012, 189, 1182-1192.	0.4	75
27	Allogeneic bone marrow α -derived flk-1+Sca-1 α mesenchymal stem cells leads to stable mixed chimerism and donor-specific tolerance. Experimental Hematology, 2004, 32, 861-867.	0.2	68
28	Intracerebral transplantation of mesenchymal stem cells derived from human umbilical cord blood alleviates hypoxic ischemic brain injury in rat neonates. Journal of Perinatal Medicine, 2010, 38, 215-21.	0.6	66
29	Benzo[a]pyrene induces oxidative stress and endothelial progenitor cell dysfunction via the activation of the NF- κ B pathway. International Journal of Molecular Medicine, 2013, 31, 922-930.	1.8	62
30	Hemangioblastic characteristics of fetal bone marrow α -derived Flk1+CD31 α CD34 α cells. Experimental Hematology, 2003, 31, 650-658.	0.2	60
31	Mesenchymal Stem Cells Ameliorate Ischemia-Reperfusion-Induced Renal Dysfunction by Improving the Antioxidant/Oxidant Balance in the Ischemic Kidney. Urologia Internationalis, 2011, 86, 191-196.	0.6	58
32	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. Journal of Clinical Oncology, 2015, 33, 3999-4006.	0.8	56
33	Mechanisms of and perspectives on the mesenchymal stem cell in immunotherapy. Translational Research, 2004, 143, 284-291.	2.4	54
34	Multiorgan Engraftment and Multilineage Differentiation by Human Fetal Bone Marrow Flk1+/CD31-/CD34-Progenitors. Journal of Hematotherapy and Stem Cell Research, 2003, 12, 603-613.	1.8	51
35	Overexpression of β -Np63 α induces a stem cell phenotype in MCF7 breast carcinoma cell line through the Notch pathway. Cancer Science, 2010, 101, 2417-2424.	1.7	51
36	Inhibition of hepatic stellate cells proliferation by mesenchymal stem cells and the possible mechanisms. Hepatology Research, 2009, 39, 1219-1228.	1.8	45

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37	Cell therapy with autologous mesenchymal stem cells—how the disease process impacts clinical considerations. <i>Cytotherapy</i> , 2013, 15, 893-904.	0.3	44
38	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.	3.7	43
39	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.	0.2	39
40	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, 1576-1587.	1.1	37
41	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, 202-210.	1.4	37
42	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, 2666-2671.	0.3	32
43	Antitumor and immunomodulatory effects of low-dose 5-FU on hepatoma 22 tumor-bearing mice. <i>Oncology Letters</i> , 2014, 7, 1260-1264.	0.8	31
44	Multipotency of Flk1+CD34— progenitors derived from human fetal bone marrow. <i>Translational Research</i> , 2004, 143, 230-240.	2.4	30
45	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, 258-265.	0.3	30
46	Cytokine array analysis of peritoneal fluid between women with endometriosis of different stages and those without endometriosis. <i>Biomarkers</i> , 2009, 14, 604-618.	0.9	29
47	Efficacy of intracellular immune checkpoint-silenced DC vaccine. <i>JCI Insight</i> , 2018, 3, .	2.3	29
48	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.	0.4	28
49	Quercetin-mediated apoptosis via activation of the mitochondrial-dependent pathway in MG-63 osteosarcoma cells. <i>Molecular Medicine Reports</i> , 2011, 4, 1017-23.	1.1	25
50	In vitro antioxidant activities of endophytic fungi isolated from the liverwort <i>Scapania verrucosa</i> . <i>Genetics and Molecular Research</i> , 2011, 10, 3169-3179.	0.3	25
51	A retrospective study of salvage surgery for recurrent nasopharyngeal carcinoma. <i>International Journal of Clinical Oncology</i> , 2012, 17, 212-217.	1.0	21
52	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, 1080-1086.	1.2	20
53	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, 492-499.	0.6	20
54	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.	1.4	20

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55	Stem cell research in China. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 1107-1112.	1.8	19
56	High- vs Low-power Holmium Laser Lithotripsy: A Prospective, Randomized Study in Patients Undergoing Multittract Minipercutaneous Nephrolithotomy. <i>Urology</i> , 2012, 79, 293-297.	0.5	19
57	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.	0.6	19
58	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.	0.6	19
59	Role of interleukin-1 receptor type II in the pathogenesis of endometriosis. <i>Fertility and Sterility</i> , 2008, 89, 42-51.	0.5	18
60	An Overview of Stem Cell-Based Clinical Trials in China. <i>Stem Cells and Development</i> , 2008, 17, 613-618.	1.1	17
61	NANOG Has a Role in Mesenchymal Stem Cells' Immunomodulatory Effect. <i>Stem Cells and Development</i> , 2011, 20, 1521-1528.	1.1	17
62	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.	0.6	17
63	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.	0.4	16
64	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.	0.8	16
65	Comparison of the short-term and long-term outcomes of surgical treatment versus endoscopic treatment for early esophageal squamous cell neoplasia larger than 2Åcm: a retrospective study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 2304-2312.	1.3	16
66	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.	0.7	15
67	Small Intestinal Organoid-Derived SP Cells Contribute to Repair of Irradiation-Induced Skin Injury. <i>Stem Cells and Development</i> , 2005, 14, 285-291.	1.1	14
68	TAp63 [±] Mediates Chemotherapeutic Agent-Induced Apoptosis in Human Bone Marrow Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2011, 20, 1319-1326.	1.1	14
69	Ethanol extract of <i>Chaenomeles speciosa</i> Nakai induces apoptosis in cancer cells and suppresses tumor growth in mice. <i>Oncology Letters</i> , 2013, 6, 256-260.	0.8	14
70	Protective effects of mesenchymal stromal cells on adriamycin-induced minimal change nephrotic syndrome in rats and possible mechanisms. <i>Cytotherapy</i> , 2014, 16, 471-484.	0.3	14
71	Macrophage Migration Inhibitory Factor Polymorphism Is Associated with Susceptibility to Inflammatory Coronary Heart Disease. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	14
72	The protective effect of astragaloside IV against benzo[a]pyrene induced endothelial progenitor cell dysfunction. <i>Life Sciences</i> , 2015, 132, 13-19.	2.0	14

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73	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.	0.7	14
74	Preoperative Colonic Lesion Localization with Charcoal Nanoparticle Tattooing for Laparoscopic Colorectal Surgery. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 2123-2125.	0.5	13
75	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, 174-181.	0.8	13
76	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.	0.7	13
77	Mechanical stretching of pulmonary vein stimulates matrix metalloproteinase-9 and transforming growth factor- β 1 through stretch-activated channel/MAPK pathways in pulmonary hypertension due to left heart disease model rats. <i>PLoS ONE</i> , 2020, 15, e0235824.	1.1	13
78	Increased perihematomal neuron autophagy and plasma thrombin-antithrombin levels in patients with intracerebral hemorrhage. <i>Medicine (United States)</i> , 2019, 98, e17130.	0.4	12
79	Relation of phosphodiesterase type 5 inhibitors and malignant melanoma: a meta-analysis and systematic review. <i>Oncotarget</i> , 2017, 8, 46461-46467.	0.8	11
80	Dendritic cell-based vaccination for renal cell carcinoma: challenges in clinical trials. <i>Immunotherapy</i> , 2012, 4, 1031-1042.	1.0	9
81	Evaluation of Hemostatic Effects of Carbonized Hair-Loaded Poly(L-Lactic) Acid Nanofabrics. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4193-4199.	0.9	9
82	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.	0.8	9
83	Pre-treatment with EDTA-gallium prevents the formation of biofilms on surfaces. <i>Experimental and Therapeutic Medicine</i> , 2013, 5, 1001-1004.	0.8	7
84	Jiedu Xiaozheng Yin decoction inhibits hepatoma cell proliferation by inducing apoptosis via the mitochondrial-mediated pathway. <i>Molecular Medicine Reports</i> , 2015, 12, 2800-2806.	1.1	7
85	Mitochondria-Targeted Nanoparticles: A Promising Drug Delivery System. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 6690-6696.	0.9	7
86	Long non-coding RNA TCONS_00000200 as a non-invasive biomarker in patients with intracranial aneurysm. <i>Bioscience Reports</i> , 2019, 39, .	1.1	7
87	No association of endometriosis with galactose-1-phosphate uridyl transferase mutations in a Chinese population. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 307-309.	0.9	6
88	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, 1655-1658.	0.7	6
89	The Inhibition of <i>Escherichia Coli</i> Biofilm Formation by Gallium Nitrate-Modified Titanium. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 5605-5609.	0.9	6
90	Comparing cerebral care granule and aspirin for neurological dysfunction in acute stroke in real-life practice. <i>Psychogeriatrics</i> , 2017, 17, 3-8.	0.6	5

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91	Nanoparticle-Dependent Labeling of Mesenchymal Stem Cell. Journal of Nanoscience and Nanotechnology, 2014, 14, 958-968.	0.9	4
92	Synergistic effect of APRIL knockdown and Jiedu Xiaozheng Yin, a Chinese medicinal recipe, on the inhibition of hepatocellular carcinoma cell proliferation. Oncology Reports, 2017, 37, 754-760.	1.2	4
93	Expanding Sca-1+ mammary stem cell in the presence of oestrogen and growth hormone. Clinical and Translational Oncology, 2012, 14, 444-451.	1.2	3
94	Prognostic nomogram based on immune scores for laryngeal squamous cell cancer. European Archives of Oto-Rhino-Laryngology, 2021, 278, 141-148.	0.8	3
95	Prevalence and management of post-transplant anemia in long-term follow-up of Chinese kidney transplant recipients: a single-center report. European Journal of Medical Research, 2013, 18, 45.	0.9	2
96	Insulin Independence after Islet Transplantation through an Indwelling Catheter in the Right Gastric Vein. International Journal of Artificial Organs, 2013, 36, 620-623.	0.7	1
97	Mesenchymal Stem Cells and Their Immunomodulatory Properties. Translational Medicine Research, 2015, , 67-83.	0.0	1
98	Preparation of Wogonin from Radix Scutellariae and its Inhibitory Effects on the Growth of HepG2 Cells. Current Pharmaceutical Analysis, 2016, 12, 91-95.	0.3	1
99	Climate change and health. Lancet, The, 2016, 387, 431-432.	6.3	1
100	Clinical efficacy and safety of stem cells in refractory Crohn's disease: A systematic review. Journal of Cellular Immunotherapy, 2016, 2, 21-27.	0.6	1
101	Effect and Safety of Miniscalpel Acupuncture as Add-On Treatment for Opioid-Resistant Pain After Video-Assisted Thoracic Surgery: A Pilot Study. Journal of Alternative and Complementary Medicine, 2020, 26, 435-436.	2.1	1
102	Diagnosis and management of pediatric papillary craniopharyngioma. World Neurosurgery, 2022, , .	0.7	1
103	Detection of a CD4+CD8 ⁺ CD3 ⁺ cell subpopulation during the differentiation of cord blood CD34+ cells into T cells in vitro. Archivum Immunologiae Et Therapiae Experimentalis, 2009, 57, 213-219.	1.0	0
104	Immunomodulatory Properties of Mesenchymal Stem Cells and Related Applications. , 2013, , 47-62.		0
105	Mesenchymal Stem Cell and Hematopoietic Stem Cell Transplantation for Vasculitis. , 2021, , 221-230.		0
106	Title is missing!. , 2020, 15, e0235824.		0
107	Title is missing!. , 2020, 15, e0235824.		0
108	Title is missing!. , 2020, 15, e0235824.		0

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109	Title is missing!. , 2020, 15, e0235824.		0