

Hua Liu

List of Publications by Year in descending order

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66
papers

2,087
citations

236925

25
h-index

254184

43
g-index

71
all docs

71
docs citations

71
times ranked

3638
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomes from embryonic mesenchymal stem cells alleviate osteoarthritis through balancing synthesis and degradation of cartilage extracellular matrix. <i>Stem Cell Research and Therapy</i> , 2017, 8, 189.	5.5	326
2	The Immunogenicity and Immunomodulatory Function of Osteogenic Cells Differentiated from Mesenchymal Stem Cells. <i>Journal of Immunology</i> , 2006, 176, 2864-2871.	0.8	186
3	Composite scaffolds of nano-hydroxyapatite and silk fibroin enhance mesenchymal stem cell-based bone regeneration via the interleukin 1 alpha autocrine/paracrine signaling loop. <i>Biomaterials</i> , 2015, 49, 103-112.	11.4	130
4	Single-Cell Profiles and Clinically Useful Properties of Human Mesenchymal Stem Cells of Adipose and Bone Marrow Origin. <i>American Journal of Sports Medicine</i> , 2019, 47, 1722-1733.	4.2	125
5	High-metastatic cancer cells derived exosomal miR92a-3p promotes epithelial-mesenchymal transition and metastasis of low-metastatic cancer cells by regulating PTEN/Akt pathway in hepatocellular carcinoma. <i>Oncogene</i> , 2020, 39, 6529-6543.	5.9	119
6	<i>Fusobacterium nucleatum</i> exacerbates colitis by damaging epithelial barriers and inducing aberrant inflammation. <i>Journal of Digestive Diseases</i> , 2020, 21, 385-398.	1.5	73
7	Technical Performance Scores are strongly associated with early mortality, postoperative adverse events, and intensive care unit length of stay—analysis of consecutive discharges for 2 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 389-396.e3.	0.8	60
8	Classification of four distinct osteoarthritis subtypes with a knee joint tissue transcriptome atlas. <i>Bone Research</i> , 2020, 8, 38.	11.4	57
9	A Foreign Body Response—on a Chip Platform. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801425.	7.6	51
10	Baicalin improves intestinal microecology and abnormal metabolism induced by high-fat diet. <i>European Journal of Pharmacology</i> , 2019, 857, 172457.	3.5	50
11	Modified miR-15a has therapeutic potential for improving treatment of advanced stage colorectal cancer through inhibition of BCL2, BMI1, YAP1 and DCLK1. <i>Oncotarget</i> , 2018, 9, 2367-2383.	1.8	47
12	Nanomaterial-based scaffolds for bone tissue engineering and regeneration. <i>Nanomedicine</i> , 2020, 15, 1995-2017.	3.3	41
13	Soluble molecules are key in maintaining the immunomodulatory activity of murine mesenchymal stromal cells. <i>Journal of Cell Science</i> , 2012, 125, 200-208.	2.0	40
14	Differentiation of Human Embryonic Stem Cells into Clinically Amenable Keratinocytes in an Autogenic Environment. <i>Journal of Investigative Dermatology</i> , 2013, 133, 618-628.	0.7	40
15	miR-375 inhibits the proliferation of gastric cancer cells by repressing ERBB2 expression. <i>Experimental and Therapeutic Medicine</i> , 2014, 7, 1757-1761.	1.8	38
16	The Plasticity of Mesenchymal Stem Cells in Regulating Surface HLA-I. <i>IScience</i> , 2019, 15, 66-78.	4.1	37
17	Reconstruction of Large-scale Defects with a Novel Hybrid Scaffold Made from Poly(L-lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj Scientific Reports, 2017, 7, 359.	3.3	36
18	Local delivery of FTY720 in PCL membrane improves SCI functional recovery by reducing reactive astrogliosis. <i>Biomaterials</i> , 2015, 62, 76-87.	11.4	35

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19	Immunomodulatory application of engineered hydrogels in regenerative medicine. <i>Applied Materials Today</i> , 2019, 14, 126-136.	4.3	34
20	Understanding the Immunological Mechanisms of Mesenchymal Stem Cells in Allogeneic Transplantation: From the Aspect of Major Histocompatibility Complex Class I. <i>Stem Cells and Development</i> , 2019, 28, 1141-1150.	2.1	33
21	HOTAIR contributes to the carcinogenesis of gastric cancer via modulating cellular and exosomal miRNAs level. <i>Cell Death and Disease</i> , 2020, 11, 780.	6.3	30
22	Mid-term outcomes in unbalanced complete atrioventricular septal defect: role of biventricular conversion from single-ventricle palliation. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 565-572.	1.4	29
23	A subpopulation of mesenchymal stromal cells with high osteogenic potential. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 2436-2447.	3.6	28
24	Technical Performance Score as Predictor for Post-discharge Reintervention in Valve-Sparing Tetralogy of Fallot Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2014, 26, 297-303.	0.6	28
25	Development of novel miR-129 mimics with enhanced efficacy to eliminate chemoresistant colon cancer stem cells. <i>Oncotarget</i> , 2018, 9, 8887-8897.	1.8	28
26	Combinatorial photochemotherapy on liver cancer stem cells with organoplatinum(II) metallacage-based nanoparticles. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6476-6487.	5.8	27
27	Overcoming chemoresistance in cancer stem cells with the help of microRNAs in colorectal cancer. <i>Epigenomics</i> , 2017, 9, 793-796.	2.1	26
28	17 β -Estradiol Protects Human Eyelid-Derived Adipose Stem Cells against Cytotoxicity and Increases Transplanted Cell Survival in Spinal Cord injury. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 326-343.	3.6	20
29	ACADS acts as a potential methylation biomarker associated with the proliferation and metastasis of hepatocellular carcinomas. <i>Aging</i> , 2019, 11, 8825-8844.	3.1	20
30	Clinical Effect of Cardiac Shock Wave Therapy on Myocardial Ischemia in Patients With Ischemic Heart Failure. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2016, 21, 381-387.	2.0	18
31	Focus on China: should clinicians engage in research? and lessons from other countries. <i>Quantitative Imaging in Medicine and Surgery</i> , 2014, 4, 413-25.	2.0	18
32	Wnt and Rho GTPase signaling in osteoarthritis development and intervention: implications for diagnosis and therapy. <i>Arthritis Research and Therapy</i> , 2013, 15, 217.	3.5	17
33	Coffee consumption and risk of gastric cancer: An updated meta-analysis. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2015, 39, 245-253.	1.5	17
34	PKM2 upregulation promotes malignancy and indicates poor prognosis for intrahepatic cholangiocarcinoma. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2020, 44, 162-173.	1.5	16
35	The Safety and Efficacy of Antifibrinolytic Therapy in Neonatal Cardiac Surgery. <i>PLoS ONE</i> , 2015, 10, e0126514.	2.5	15
36	Rates of Interventions in Isolated Coarctation Repair in Neonates Versus Infants: Does Age Matter?. <i>Annals of Thoracic Surgery</i> , 2019, 107, 180-186.	1.3	15

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37	Anti-tumor activity of oridonin on SNU-5 subcutaneous xenograft model via regulation of c-Met pathway. <i>Tumor Biology</i> , 2014, 35, 9139-9146.	1.8	14
38	Utility of quantitative contrast-enhanced ultrasound for the prediction of extracapsular extension in papillary thyroid carcinoma. <i>Scientific Reports</i> , 2017, 7, 1472.	3.3	14
39	DNA Methylation of Cannabinoid Receptor Interacting Protein 1 Promotes Pathogenesis of Intrahepatic Cholangiocarcinoma Through Suppressing Parkin-Dependent Pyruvate Kinase M2 Ubiquitination. <i>Hepatology</i> , 2021, 73, 1816-1835.	7.3	14
40	H2A.Z regulates tumorigenesis, metastasis and sensitivity to cisplatin in intrahepatic cholangiocarcinoma. <i>International Journal of Oncology</i> , 2018, 52, 1235-1245.	3.3	13
41	Macrophage inhibits the osteogenesis of fibroblasts in ultrahigh molecular weight polyethylene (UHMWPE) wear particle-induced osteolysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 80.	2.3	12
42	The Association between the Serum C-Peptide Level and Bone Mineral Density. <i>PLoS ONE</i> , 2013, 8, e83107.	2.5	10
43	Integrated Proteomic and N-Glycoproteomic Analyses of Human Breast Cancer. <i>Journal of Proteome Research</i> , 2020, 19, 3499-3509.	3.7	10
44	Single-cell RNA-seq reveals functionally distinct biomaterial degradation-related macrophage populations. <i>Biomaterials</i> , 2021, 277, 121116.	11.4	10
45	Genomic alterations in gastric cancers discovered via whole-exome sequencing. <i>BMC Cancer</i> , 2018, 18, 1270.	2.6	9
46	Five Hub Genes Can Be The Potential DNA Methylation Biomarkers For Cholangiocarcinoma Using Bioinformatics Analysis. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 8355-8365.	2.0	9
47	Repair of posterior mitral valve prolapse with a novel leaflet plication clip in an animal model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 783-791.	0.8	8
48	Identification and Functional Validation of Differentially Expressed microRNAs in Ascites-Derived Ovarian Cancer Cells Compared with Primary Tumour Tissue. <i>Cancer Management and Research</i> , 2021, Volume 13, 6585-6597.	1.9	7
49	Efficient Isolation of Bone Marrow Adipocyte Progenitors by Silica Microbeads Incubation. <i>Stem Cells and Development</i> , 2013, 22, 2520-2531.	2.1	6
50	Omeprazole prevents CDX2 and SOX9 expression by inhibiting hedgehog signaling in Barrett's esophagus cells. <i>Clinical Science</i> , 2019, 133, 483-495.	4.3	6
51	Free or fixed state of nHAP differentially regulates hBMSC morphology and osteogenesis through the valve role of ITGA7. <i>Bioactive Materials</i> , 2022, 18, 539-551.	15.6	6
52	Interplay of Forces and the Immune Response for Functional Tendon Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 657621.	3.7	5
53	Stem Cells: Microenvironment, Micro/Nanotechnology, and Application. <i>Stem Cells International</i> , 2015, 2015, 1-2.	2.5	3
54	Do Elderly Patients With Stage II Hepatocellular Carcinoma Benefit From More Radical Surgeries? A Population-Based Analysis. <i>Frontiers in Oncology</i> , 2020, 10, 479.	2.8	3

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55	Dimethyl fumarate suppresses hepatocellular carcinoma progression via activating SOCS3/JAK1/STAT3 signaling pathway. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 4713-4725.	0.0	3
56	Challenges and strategies in developing team-based learning in Chinese medical education. <i>Medical Teacher</i> , 2020, 42, 1243-1249.	1.8	2
57	Management of Complex Left Ventricular Outflow Tract Obstruction: A Comparison of Konno and Modified Konno Techniques. <i>Pediatric Cardiology</i> , 2021, 42, 614-627.	1.3	2
58	Dental application potential of mesenchymal stromal cells and embryonic stem cells. <i>Chinese journal of dental research: the official journal of the Scientific Section of the Chinese Stomatological Association (CSA), The</i> , 2010, 13, 95-103.	0.2	2
59	An 11-year retrospective study: clinicopathological and survival analysis of gastro-entero-pancreatic neuroendocrine neoplasm. <i>Medicine (United States)</i> , 2020, 99, e21682.	1.0	1
60	The long non-coding RNA MEG3 plays critical roles in the pathogenesis of cholesterol gallstone. <i>PeerJ</i> , 2021, 9, e10803.	2.0	1
61	Second-line sunitinib for Chinese patients with advanced gastrointestinal stromal tumor: 37.5 mg schedule outperformed 50 mg schedule in adherence and prognosis. <i>Translational Cancer Research</i> , 2021, 10, 3206-3217.	1.0	1
62	OUP accepted manuscript. <i>Stem Cells Translational Medicine</i> , 2022, , .	3.3	1
63	Serum Concentrations of Cartilage Intermediate Layer Protein 2 Were Higher in Overweight and Obese Subjects. <i>BioMed Research International</i> , 2022, 2022, 1-8.	1.9	1
64	Gastric ulcer as the main complication in hemophagocytic lymphohistiocytosis: A case report. <i>Journal of Digestive Diseases</i> , 2021, 22, 57-59.	1.5	0
65	Mutational profiles of ovarian cancer in Chinese patients revealed potential therapeutic targets and prognostic markers.. <i>Journal of Clinical Oncology</i> , 2021, 39, e17525-e17525.	1.6	0
66	Identification of cholesterol gallstone with two-dimensional gel electrophoresis and mass spectrometry. <i>Annals of Hepatology</i> , 2015, 14, 251-8.	1.5	0