

Liang-jun Yin

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,201
citations

236925

25
h-index

223800

46
g-index

54
all docs

54
docs citations

54
times ranked

3310
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of aberrant Hif1 α activation delays intervertebral disc degeneration in adult mice. <i>Bone Research</i> , 2022, 10, 2.	11.4	9
2	Panda rope bridge technique versus open repair of acute Achilles tendon rupture: A comparative clinical study. <i>Injury</i> , 2022, 53, 2666-2670.	1.7	1
3	Biomechanical Comparison of Panda Rope Bridge Technique and Other Minimally Invasive Achilles Tendon Repair Techniques In Vitro. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110084.	1.7	7
4	Targeting local lymphatics to ameliorate heterotopic ossification via FGFR3-BMPR1a pathway. <i>Nature Communications</i> , 2021, 12, 4391.	12.8	10
5	A Systematic Review and Meta-Analysis of Combined Antibiotic Spacer with Ilizarov Methods in the Treatment of Infected Nonunion of Tibia. <i>BioMed Research International</i> , 2021, 2021, 1-10.	1.9	7
6	FGFR3 deficiency enhances CXCL12-dependent chemotaxis of macrophages via upregulating CXCR7 and aggravates joint destruction in mice. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 112-122.	0.9	41
7	Optimization of the knot configuration for early accelerated rehabilitation after Achilles tendon rupture. <i>Clinical Biomechanics</i> , 2020, 80, 105139.	1.2	2
8	TGF β 21 induces bone formation from BMP9-activated Bone Mesenchymal Stem Cells, with possible involvement of non-canonical pathways. <i>International Journal of Medical Sciences</i> , 2020, 17, 1692-1703.	2.5	2
9	Role of Extracellular Vesicles in Influenza Virus Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 366.	3.9	14
10	Dstyk mutation leads to congenital scoliosis-like vertebral malformations in zebrafish via dysregulated mTORC1/TFEB pathway. <i>Nature Communications</i> , 2020, 11, 479.	12.8	31
11	The exosome-like vesicles from osteoarthritic chondrocyte enhanced mature IL-1 β production of macrophages and aggravated synovitis in osteoarthritis. <i>Cell Death and Disease</i> , 2019, 10, 522.	6.3	112
12	<i>Rmp</i> Mutation Disrupts Chondrogenesis and Bone Ossification in Zebrafish Model of Cartilage-Hair Hypoplasia via Enhanced Wnt/ β -Catenin Signaling. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 2101-2116.	2.8	16
13	Complications in the Management of Acute Achilles Tendon Rupture: A Systematic Review and Network Meta-analysis of 2060 Patients. <i>American Journal of Sports Medicine</i> , 2019, 47, 2251-2260.	4.2	35
14	Treatment of acute achilles tendon rupture with the panda rope bridge technique. <i>Injury</i> , 2018, 49, 726-729.	1.7	14
15	Bone morphogenetic protein 9 stimulates callus formation in osteoporotic rats during fracture healing. <i>Molecular Medicine Reports</i> , 2017, 15, 2537-2545.	2.4	14
16	All-trans retinoic acid restored the osteogenic ability of BMP9 in osteosarcoma through the p38 MAPK pathway. <i>International Journal of Oncology</i> , 2017, 50, 1363-1371.	3.3	2
17	miR-494 inhibits cell proliferation and metastasis via targeting of CDK6 in osteosarcoma. <i>Molecular Medicine Reports</i> , 2017, 16, 8627-8634.	2.4	25
18	PTH 1-34 Ameliorates the Osteopenia and Delayed Healing of Stabilized Tibia Fracture in Mice with Achondroplasia Resulting from Gain-Of-Function Mutation of FGFR3. <i>International Journal of Biological Sciences</i> , 2017, 13, 1254-1265.	6.4	13

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19	IGF1 potentiates BMP9-induced osteogenic differentiation in mesenchymal stem cells through the enhancement of BMP/Smad signaling. <i>BMB Reports</i> , 2016, 49, 122-127.	2.4	41
20	A Bayesian network meta-analysis of three different surgical procedures for the treatment of humeral shaft fractures. <i>Medicine (United States)</i> , 2016, 95, e5464.	1.0	17
21	Immortalized Mouse Achilles Tenocytes Demonstrate Long-Term Proliferative Capacity While Retaining Tenogenic Properties. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 280-289.	2.1	14
22	Gut-derived serotonin induced by depression promotes breast cancer bone metastasis through the RUNX2/PTHrP/RANKL pathway in mice. <i>Oncology Reports</i> , 2016, 35, 739-748.	2.6	23
23	A Novel Organ Culture Model of Mouse Intervertebral Disc Tissues. <i>Cells Tissues Organs</i> , 2016, 201, 38-50.	2.3	26
24	Adenovirus-mediated expression of vascular endothelial growth factor-a potentiates bone morphogenetic protein9-induced osteogenic differentiation and bone formation. <i>Biological Chemistry</i> , 2016, 397, 765-775.	2.5	7
25	Reversibly Immortalized Mouse Articular Chondrocytes Acquire Long-Term Proliferative Capability While Retaining Chondrogenic Phenotype. <i>Cell Transplantation</i> , 2015, 24, 1053-1066.	2.5	43
26	Evodiamine inhibits the proliferation of human osteosarcoma cells by blocking PI3K/Akt signaling. <i>Oncology Reports</i> , 2015, 34, 1388-1396.	2.6	42
27	Multifaceted signaling regulators of chondrogenesis: Implications in cartilage regeneration and tissue engineering. <i>Genes and Diseases</i> , 2015, 2, 307-327.	3.4	86
28	Adenovirus-Mediated Efficient Gene Transfer into Cultured Three-Dimensional Organoids. <i>PLoS ONE</i> , 2014, 9, e93608.	2.5	63
29	The piggyBac Transposon-Mediated Expression of SV40 T Antigen Efficiently Immortalizes Mouse Embryonic Fibroblasts (MEFs). <i>PLoS ONE</i> , 2014, 9, e97316.	2.5	63
30	The versatile functions of Sox9 in development, stem cells, and human diseases. <i>Genes and Diseases</i> , 2014, 1, 149-161.	3.4	270
31	Characterization of scaffold carriers for BMP9-transduced osteoblastic progenitor cells in bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3429-3438.	4.0	16
32	Bone Morphogenetic Protein-9 Effectively Induces Osteo/Odontoblastic Differentiation of the Reversibly Immortalized Stem Cells of Dental Apical Papilla. <i>Stem Cells and Development</i> , 2014, 23, 1405-1416.	2.1	86
33	All-trans retinoic acid modulates bone morphogenetic protein 9-induced osteogenesis and adipogenesis of preadipocytes through BMP/Smad and Wnt/ β 2-catenin signaling pathways. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 47, 47-56.	2.8	59
34	The PTEN/PI3K/Akt and Wnt/ β 2-catenin signaling pathways are involved in the inhibitory effect of resveratrol on human colon cancer cell proliferation. <i>International Journal of Oncology</i> , 2014, 45, 104-112.	3.3	90
35	Oridonin inhibits the proliferation of human osteosarcoma cells by suppressing Wnt/ β 2-catenin signaling. <i>International Journal of Oncology</i> , 2014, 45, 795-803.	3.3	31
36	Bone morphogenetic protein 2 inhibits the proliferation and growth of human colorectal cancer cells. <i>Oncology Reports</i> , 2014, 32, 1013-1020.	2.6	51

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37	Adenovirus-Mediated Gene Transfer in Mesenchymal Stem Cells Can Be Significantly Enhanced by the Cationic Polymer Polybrene. PLoS ONE, 2014, 9, e92908.	2.5	83
38	Targeting BMP9-Promoted Human Osteosarcoma Growth by Inactivation of Notch Signaling. Current Cancer Drug Targets, 2014, 14, 274-285.	1.6	70
39	BMP9 and COX-2 form an important regulatory loop in BMP9-induced osteogenic differentiation of mesenchymal stem cells. Bone, 2013, 57, 311-321.	2.9	56
40	Characterization of chondrocyte scaffold carriers for cell-based gene therapy in articular cartilage repair. Journal of Biomedical Materials Research - Part A, 2013, 101, 3542-3550.	4.0	23
41	Inhibition of Histone Deacetylases Potentiates BMP9-Induced Osteogenic Signaling in Mouse Mesenchymal Stem Cells. Cellular Physiology and Biochemistry, 2013, 32, 486-498.	1.6	28
42	BMP signaling in mesenchymal stem cell differentiation and bone formation. Journal of Biomedical Science and Engineering, 2013, 06, 32-52.	0.4	227
43	Characterization of scaffold carriers for BMP9-transduced osteoblastic progenitor cells in bone regeneration. Journal of Biomedical Materials Research - Part A, 2013, 102, n/a-n/a.	4.0	19
44	Major Signaling Pathways Regulating the Proliferation and Differentiation of Mesenchymal Stem Cells. , 2013, , 75-100.		4
45	BMP9 signaling in stem cell differentiation and osteogenesis. American Journal of Stem Cells, 2013, 2, 1-21.	0.4	122
46	Biphasic effects of TGF β 1 on BMP9-induced osteogenic differentiation of mesenchymal stem cells. BMB Reports, 2012, 45, 509-514.	2.4	29
47	Dynamic morphological changes in the skulls of mice mimicking human Apert syndrome resulting from gain-of-function mutation of FGFR2 (P253R). Journal of Anatomy, 2010, 217, 97-105.	1.5	14
48	A Pro253Arg mutation in fibroblast growth factor receptor 2 (Fgfr2) causes skeleton malformation mimicking human Apert syndrome by affecting both chondrogenesis and osteogenesis. Bone, 2008, 42, 631-643.	2.9	124
49	Gain-of-function mutation of FGFR3 results in impaired fracture healing due to inhibition of chondrocyte differentiation. Biochemical and Biophysical Research Communications, 2008, 376, 454-459.	2.1	18