

Liangliang Xu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4908912/liangliang-xu-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69 papers	1,923 citations	25 h-index	42 g-index
78 ext. papers	2,347 ext. citations	4.8 avg, IF	4.8 L-index

#	Paper	IF	Citations
69	H19 activates Wnt signaling and promotes osteoblast differentiation by functioning as a competing endogenous RNA. <i>Scientific Reports</i> , 2016 , 6, 20121	4.9	160
68	Tissue source determines the differentiation potentials of mesenchymal stem cells: a comparative study of human mesenchymal stem cells from bone marrow and adipose tissue. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 275	8.3	123
67	Engineered scaffold-free tendon tissue produced by tendon-derived stem cells. <i>Biomaterials</i> , 2013 , 34, 2024-37	15.6	113
66	Mesenchymal stem cells homing to improve bone healing. <i>Journal of Orthopaedic Translation</i> , 2017 , 9, 19-27	4.2	98
65	An improved protocol for isolation and culture of mesenchymal stem cells from mouse bone marrow. <i>Journal of Orthopaedic Translation</i> , 2015 , 3, 26-33	4.2	93
64	Stepwise Differentiation of Mesenchymal Stem Cells Augments Tendon-Like Tissue Formation and Defect Repair In Vivo. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 1106-16	6.9	71
63	Salvianolic acid B promotes osteogenesis of human mesenchymal stem cells through activating ERK signaling pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 51, 1-9	5.6	67
62	Aqp1 enhances migration of bone marrow mesenchymal stem cells through regulation of FAK and Eatenin. <i>Stem Cells and Development</i> , 2014 , 23, 66-75	4.4	66
61	Mesenchymal Stem Cells and Cancer: Clinical Challenges and Opportunities. <i>BioMed Research International</i> , 2019 , 2019, 2820853	3	62
60	Long noncoding RNA H19 accelerates tenogenic differentiation and promotes tendon healing through targeting miR-29b-3p and activating TGF- β signaling. <i>FASEB Journal</i> , 2017 , 31, 954-964	0.9	56
59	mir-21 overexpressing mesenchymal stem cells accelerate fracture healing in a rat closed femur fracture model. <i>BioMed Research International</i> , 2015 , 2015, 412327	3	56
58	Sox11-modified mesenchymal stem cells (MSCs) accelerate bone fracture healing: Sox11 regulates differentiation and migration of MSCs. <i>FASEB Journal</i> , 2015 , 29, 1143-52	0.9	52
57	Aberrant enhancer hypomethylation contributes to hepatic carcinogenesis through global transcriptional reprogramming. <i>Nature Communications</i> , 2019 , 10, 335	17.4	49
56	Systemic and Local Administration of Allogeneic Bone Marrow-Derived Mesenchymal Stem Cells Promotes Fracture Healing in Rats. <i>Cell Transplantation</i> , 2015 , 24, 2643-55	4	48
55	Apigenin promotes osteogenic differentiation of human mesenchymal stem cells through JNK and p38 MAPK pathways. <i>Molecular and Cellular Biochemistry</i> , 2015 , 407, 41-50	4.2	46
54	MiR-503 Promotes Bone Formation in Distraction Osteogenesis through Suppressing Smurf1 Expression. <i>Scientific Reports</i> , 2017 , 7, 409	4.9	45
53	Circulating mesenchymal stem cells and their clinical implications. <i>Journal of Orthopaedic Translation</i> , 2014 , 2, 1-7	4.2	42

52	The effects of secretion factors from umbilical cord derived mesenchymal stem cells on osteogenic differentiation of mesenchymal stem cells. <i>PLoS ONE</i> , 2015 , 10, e0120593	3.7	40
51	Synergistic effects on mesenchymal stem cell-based cartilage regeneration by chondrogenic preconditioning and mechanical stimulation. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 221	8.3	36
50	Epigenetic memory gained by priming with osteogenic induction medium improves osteogenesis and other properties of mesenchymal stem cells. <i>Scientific Reports</i> , 2015 , 5, 11056	4.9	35
49	Cellular retinol-binding protein 1 (CRBP-1) regulates osteogenesis and adipogenesis of mesenchymal stem cells through inhibiting RXR-induced Eatenin degradation. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 612-9	5.6	34
48	N-cadherin regulates osteogenesis and migration of bone marrow-derived mesenchymal stem cells. <i>Molecular Biology Reports</i> , 2013 , 40, 2533-9	2.8	31
47	The fate of systemically administrated allogeneic mesenchymal stem cells in mouse femoral fracture healing. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 206	8.3	27
46	Taurine promotes human mesenchymal stem cells to differentiate into osteoblast through the ERK pathway. <i>Amino Acids</i> , 2014 , 46, 1673-80	3.5	26
45	Cystic fibrosis transmembrane conductance regulator mediates tenogenic differentiation of tendon-derived stem cells and tendon repair: accelerating tendon injury healing by intervening in its downstream signaling. <i>FASEB Journal</i> , 2017 , 31, 3800-3815	0.9	25
44	The Use of Cocultured Mesenchymal Stem Cells with Tendon-Derived Stem Cells as a Better Cell Source for Tendon Repair. <i>Tissue Engineering - Part A</i> , 2016 , 22, 1229-1240	3.9	25
43	Dominant-positive HSF1 decreases alpha-synuclein level and alpha-synuclein-induced toxicity. <i>Molecular Biology Reports</i> , 2010 , 37, 1875-81	2.8	24
42	Lgr5 in cancer biology: functional identification of Lgr5 in cancer progression and potential opportunities for novel therapy. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 219	8.3	23
41	Amentoflavone enhances osteogenesis of human mesenchymal stem cells through JNK and p38 MAPK pathways. <i>Journal of Natural Medicines</i> , 2016 , 70, 634-44	3.3	19
40	Influence of DNA methylation on the expression of OPG/RANKL in primary osteoporosis. <i>International Journal of Medical Sciences</i> , 2018 , 15, 1480-1485	3.7	19
39	Lgr5-overexpressing mesenchymal stem cells augment fracture healing through regulation of Wnt/ERK signaling pathways and mitochondrial dynamics. <i>FASEB Journal</i> , 2019 , 33, 8565-8577	0.9	18
38	Effects of Sclerostin Antibody on the Healing of Femoral Fractures in Ovariectomised Rats. <i>Calcified Tissue International</i> , 2016 , 98, 263-74	3.9	18
37	Epigenetic Modification of the CCL5/CCR1/ERK Axis Enhances Glioma Targeting in Dedifferentiation-Reprogrammed BMSCs. <i>Stem Cell Reports</i> , 2017 , 8, 743-757	8	17
36	Stepwise preconditioning enhances mesenchymal stem cell-based cartilage regeneration through epigenetic modification. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 1541-1550	6.2	17
35	Dysregulated Lysine Acetyltransferase 2B Promotes Inflammatory Bowel Disease Pathogenesis Through Transcriptional Repression of Interleukin-10. <i>Journal of Crohn's and Colitis</i> , 2016 , 10, 726-34	1.5	17

34	Huo Xue Tong Luo capsule ameliorates osteonecrosis of femoral head through inhibiting lncRNA-Miat. <i>Journal of Ethnopharmacology</i> , 2019 , 238, 111862	5	16
33	MicroRNA-144-3p inhibits bone formation in distraction osteogenesis through targeting Connexin 43. <i>Oncotarget</i> , 2017 , 8, 89913-89922	3.3	16
32	The effects of atorvastatin on the prevention of osteoporosis and dyslipidemia in the high-fat-fed ovariectomized rats. <i>Calcified Tissue International</i> , 2015 , 96, 541-51	3.9	15
31	An antiapoptotic role of sorting nexin 7 is required for liver development in zebrafish. <i>Hepatology</i> , 2012 , 55, 1985-93	11.2	13
30	Aspirin prevents bone loss with little mechanical improvement in high-fat-fed ovariectomized rats. <i>European Journal of Pharmacology</i> , 2016 , 791, 331-338	5.3	13
29	Involvement of tumor necrosis factor alpha in steroid-associated osteonecrosis of the femoral head: friend or foe?. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 5	8.3	13
28	Characterisation of multipotent stem cells from human peripheral blood using an improved protocol. <i>Journal of Orthopaedic Translation</i> , 2019 , 19, 18-28	4.2	12
27	Tenomodulin highly expressing MSCs as a better cell source for tendon injury healing. <i>Oncotarget</i> , 2017 , 8, 77424-77435	3.3	11
26	Systemic Administration of Allogeneic Mesenchymal Stem Cells Does Not Halt Osteoporotic Bone Loss in Ovariectomized Rats. <i>PLoS ONE</i> , 2016 , 11, e0163131	3.7	11
25	Expression of Sclerostin in Osteoporotic Fracture Patients Is Associated with DNA Methylation in the CpG Island of the Gene. <i>International Journal of Genomics</i> , 2019 , 2019, 7076513	2.5	9
24	Polydatin improves osteogenic differentiation of human bone mesenchymal stem cells by stimulating TAZ expression via BMP2-Wnt/ β -catenin signaling pathway. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 204	8.3	8
23	U0126 promotes osteogenesis of rat bone-marrow-derived mesenchymal stem cells by activating BMP/Smad signaling pathway. <i>Cell and Tissue Research</i> , 2015 , 359, 537-545	4.2	8
22	Sox11-modified mesenchymal stem cells accelerate cartilage defect repair in SD rats. <i>Cell and Tissue Research</i> , 2019 , 376, 247-255	4.2	8
21	lncRNA-TINCR Functions as a Competitive Endogenous RNA to Regulate the Migration of Mesenchymal Stem Cells by Sponging miR-761. <i>BioMed Research International</i> , 2020 , 2020, 9578730	3	7
20	The Roles of Long Non-coding RNA in Osteoporosis. <i>Current Stem Cell Research and Therapy</i> , 2020 , 15, 639-645	3.6	6
19	Cyasterone accelerates fracture healing by promoting MSCs migration and osteogenesis. <i>Journal of Orthopaedic Translation</i> , 2021 , 28, 28-38	4.2	6
18	Carnosol suppresses RANKL-induced osteoclastogenesis and attenuates titanium particles-induced osteolysis. <i>Journal of Cellular Physiology</i> , 2021 , 236, 1950-1966	7	6
17	De-osteogenic-differentiated mesenchymal stem cells accelerate fracture healing by mir-92b. <i>Journal of Orthopaedic Translation</i> , 2021 , 27, 25-32	4.2	6

16	Wnt5a mediates the effects of Bushen Huoxue decoction on the migration of bone marrow mesenchymal stem cells in vitro. <i>Chinese Medicine</i> , 2018 , 13, 45	4.7	6
15	Molecular Insights Into Lysyl Oxidases in Cartilage Regeneration and Rejuvenation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 359	5.8	5
14	Stearic acid methyl ester promotes migration of mesenchymal stem cells and accelerates cartilage defect repair. <i>Journal of Orthopaedic Translation</i> , 2020 , 22, 81-91	4.2	5
13	Small nuclear ribonucleoprotein polypeptide N (Sm51) promotes osteogenic differentiation of bone marrow mesenchymal stem cells by regulating Runx2. <i>Cell and Tissue Research</i> , 2016 , 366, 155-62	4.2	5
12	Comparing the osteoconductive potential between tubular and cylindrical beta-tricalcium phosphate scaffolds: An experimental study in rats. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 1934-1940	3.5	4
11	MiR-539-5p negatively regulates migration of rMSCs induced by Bushen Huoxue decoction through targeting Wnt5a. <i>International Journal of Medical Sciences</i> , 2019 , 16, 998-1006	3.7	3
10	Research Progress of the Role of Anthocyanins on Bone Regeneration. <i>Frontiers in Pharmacology</i> , 2021 , 12, 773660	5.6	3
9	Catharmus tinctorius volatile oil promote the migration of mesenchymal stem cells via ROCK2/Myosin light chain signaling. <i>Chinese Journal of Natural Medicines</i> , 2019 , 17, 506-516	2.8	2
8	A novel protocol for isolation and culture of multipotent progenitor cells from human urine. <i>Journal of Orthopaedic Translation</i> , 2019 , 19, 12-17	4.2	2
7	Tauroursodeoxycholic acid alleviates secondary injury in spinal cord injury mice by reducing oxidative stress, apoptosis, and inflammatory response. <i>Journal of Neuroinflammation</i> , 2021 , 18, 216	10.1	2
6	Hydroxysafflor yellow A promotes osteogenesis and bone development via epigenetically regulating E-catenin and prevents ovariectomy-induced bone loss. <i>International Journal of Biochemistry and Cell Biology</i> , 2021 , 137, 106033	5.6	1
5	Ginsenoside Compound K Enhances Fracture Healing Promoting Osteogenesis and Angiogenesis.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 855393	5.6	1
4	Osteoimmunology: The correlation between osteoclasts and the Th17/Treg balance in osteoporosis. <i>Journal of Cellular and Molecular Medicine</i> ,	5.6	1
3	Nonwoven-based gelatin/polycaprolactone membrane loaded with ERK inhibitor U0126 for treatment of tendon defects.. <i>Stem Cell Research and Therapy</i> , 2022 , 13, 5	8.3	0
2	The Roles of MicroRNAs in Tendon Healing and Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 687117	5.7	0
1	Sox11 Modified Tendon-Derived Stem Cells Promote the Repair of Osteonecrosis of Femoral Head. <i>Cell Transplantation</i> , 2021 , 30, 9636897211053870	4	