

# Lutian Yao

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,079  
citations

567281

15  
h-index

477307

29  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single cell transcriptomics identifies a unique adipose lineage cell population that regulates bone marrow environment. <i>ELife</i> , 2020, 9, .	6.0	191
2	Bone marrow adipogenic lineage precursors promote osteoclastogenesis in bone remodeling and pathologic bone loss. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	101
3	SOX9 keeps growth plates and articular cartilage healthy by inhibiting chondrocyte dedifferentiation/osteoblastic redifferentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	96
4	( $\hat{\alpha}$ )-Epigallocatechin-3-Gallate Ameliorates Learning and Memory Deficits by Adjusting the Balance of TrkA/p75NTR Signaling in APP/PS1 Transgenic Mice. <i>Molecular Neurobiology</i> , 2014, 49, 1350-1363.	4.0	94
5	Wnt-mediated endothelial transformation into mesenchymal stem cell-like cells induces chemoresistance in glioblastoma. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	86
6	Targeting cartilage EGFR pathway for osteoarthritis treatment. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	83
7	FLASH Proton Radiotherapy Spares Normal Epithelial and Mesenchymal Tissues While Preserving Sarcoma Response. <i>Cancer Research</i> , 2021, 81, 4808-4821.	0.9	77
8	Periosteal Mesenchymal Progenitor Dysfunction and Extraskelentially-Derived Fibrosis Contribute to Atrophic Fracture Nonunion. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 520-532.	2.8	35
9	Superoxide dismutase-loaded porous polymersomes as highly efficient antioxidant nanoparticles targeting synovium for osteoarthritis therapy. <i>Biomaterials</i> , 2022, 283, 121437.	11.4	34
10	Interleukin-27 inhibits malignant behaviors of pancreatic cancer cells by targeting M2 polarized tumor associated macrophages. <i>Cytokine</i> , 2017, 89, 194-200.	3.2	30
11	Clinical Implications of the Interleukin 27 Serum Level in Breast Cancer. <i>Journal of Investigative Medicine</i> , 2014, 62, 627-631.	1.6	27
12	Interleukin-35 attenuates collagen-induced arthritis through suppression of vascular endothelial growth factor and its receptors. <i>International Immunopharmacology</i> , 2016, 34, 71-77.	3.8	24
13	Activin A promotes the development of acquired heterotopic ossification and is an effective target for disease attenuation in mice. <i>Science Signaling</i> , 2021, 14, .	3.6	24
14	Potential contribution of interleukin-33 to the development of interstitial lung disease in patients with primary Sjogren's Syndrome. <i>Cytokine</i> , 2013, 64, 22-24.	3.2	22
15	Elevated serum IL-35 levels in rheumatoid arthritis are associated with disease activity. <i>Journal of Investigative Medicine</i> , 2019, 67, 707-710.	1.6	22
16	Gli1 Defines a Subset of Fibro-adipogenic Progenitors that Promote Skeletal Muscle Regeneration With Less Fat Accumulation. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1159-1173.	2.8	20
17	Cli1+ progenitors mediate bone anabolic function of teriparatide via Hh and Igf signaling. <i>Cell Reports</i> , 2021, 36, 109542.	6.4	15
18	MiR-338-5p Promotes Inflammatory Response of Fibroblast-Like Synoviocytes in Rheumatoid Arthritis via Targeting <i>SPRY1</i> . <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2295-2301.	2.6	14

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19	The critical role of Hedgehog-responsive mesenchymal progenitors in meniscus development and injury repair. <i>ELife</i> , 2021, 10, .	6.0	14
20	Marrow adipogenic lineage precursor: A new cellular component of marrow adipose tissue. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101518.	4.7	14
21	EGFR Signaling Is Required for Maintaining Adult Cartilage Homeostasis and Attenuating Osteoarthritis Progression. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 1012-1023.	2.8	13
22	Elevated inflammatory gene expression in intervertebral disc tissues in mice with ADAM8 inactivated. <i>Scientific Reports</i> , 2021, 11, 1804.	3.3	7
23	Transient expansion and myofibroblast conversion of adipogenic lineage precursors mediate bone marrow repair after radiation. <i>JCI Insight</i> , 2022, 7, .	5.0	7
24	Plasminogen Regulates Fracture Repair by Promoting the Functions of Periosteal Mesenchymal Progenitors. <i>Journal of Bone and Mineral Research</i> , 2021, 36, 2229-2242.	2.8	5
25	Influence of Genetic Background and Sex on Gene Expression in the Mouse ( <i>Mus musculus</i> ) Tail in a Model of Intervertebral Disc Injury. <i>Comparative Medicine</i> , 2020, 70, 131-139.	1.0	5
26	Functional Deficits in Mice Expressing Human Interleukin 8. <i>Comparative Medicine</i> , 2020, 70, 205-215.	1.0	5
27	<scp>TNFAIP8</scp> family gene expressions in the mouse tail intervertebral disc injury model. <i>JOR Spine</i> , 2020, 3, e1093.	3.2	3
28	The Inner Annulus Fibrosus Encroaches on the Nucleus Pulposus in the Injured Mouse Tail Intervertebral Disc. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021, 100, 450-457.	1.4	3
29	Interleukin-35 inhibits angiogenesis through T helper17/ Interleukin-17 related signaling pathways in IL-1 $\beta$ -stimulated SW1353 cells. <i>Molecular Immunology</i> , 2022, 147, 71-80.	2.2	3
30	Interleukin-35 Regulates Angiogenesis Through P38 Mitogen-Activated Protein Kinase Signaling Pathway in Interleukin-1 $\beta$ -Stimulated SW1353 Cells and Cartilage Bioinformatics Analysis. <i>Journal of Interferon and Cytokine Research</i> , 2021, 41, 164-171.	1.2	2
31	A Novel Enzymatic Digestion Approach for Isolation and Culture of Rodent Bone Marrow Mesenchymal Progenitors. <i>Methods in Molecular Biology</i> , 2021, 2221, 29-39.	0.9	0