Lutian Yao

List of Publications by Year
in descending order

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	Transient expansion and myofibroblast conversion of adipogenic lineage precursors mediate bone marrow repair after radiation. JCI Insight, 2022, 7, .	5.0	7
2	Superoxide dismutase-loaded porous polymersomes as highly efficient antioxidant nanoparticles targeting synovium for osteoarthritis therapy. Biomaterials, 2022, 283, 121437.	11.4	34
3	Interleukin-35 inhibits angiogenesis through T helper17/ Interleukin-17 related signaling pathways in IL-1Î²-stimulated SW1353 cells. Molecular Immunology, 2022, 147, 71-80.	2.2	3
4	Elevated inflammatory gene expression in intervertebral disc tissues in mice with ADAM8 inactivated. Scientific Reports, 2021, 11, 1804.	3.3	7
5	Bone marrow adipogenic lineage precursors promote osteoclastogenesis in bone remodeling and pathologic bone loss. Journal of Clinical Investigation, 2021, 131, .	8.2	101
6	SOX9 keeps growth plates and articular cartilage healthy by inhibiting chondrocyte dedifferentiation/osteoblastic redifferentiation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	96
7	Activin A promotes the development of acquired heterotopic ossification and is an effective target for disease attenuation in mice. Science Signaling, 2021, 14, .	3.6	24
8	Interleukin-35 Regulates Angiogenesis Through P38 Mitogen-Activated Protein Kinase Signaling Pathway in Interleukin-1Î²-Stimulated SW1353 Cells and Cartilage Bioinformatics Analysis. Journal of Interferon and Cytokine Research, 2021, 41, 164-171.	1.2	2
9	The critical role of Hedgehog-responsive mesenchymal progenitors in meniscus development and injury repair. ELife, 2021, 10, .	6.0	14
10	Marrow adipogenic lineage precursor: A new cellular component of marrow adipose tissue. Best Practice and Research in Clinical Endocrinology and Metabolism, 2021, 35, 101518.	4.7	14
11	FLASH Proton Radiotherapy Spares Normal Epithelial and Mesenchymal Tissues While Preserving Sarcoma Response. Cancer Research, 2021, 81, 4808-4821.	0.9	77
12	Gli1+ progenitors mediate bone anabolic function of teriparatide via Hh and Igf signaling. Cell Reports, 2021, 36, 109542.	6.4	15
13	Plasminogen Regulates Fracture Repair by Promoting the Functions of Periosteal Mesenchymal Progenitors. Journal of Bone and Mineral Research, 2021, 36, 2229-2242.	2.8	5
14	Targeting cartilage EGFR pathway for osteoarthritis treatment. Science Translational Medicine, 2021, 13, .	12.4	83
15	The Inner Annulus Fibrosus Encroaches on the Nucleus Pulposus in the Injured Mouse Tail Intervertebral Disc. American Journal of Physical Medicine and Rehabilitation, 2021, 100, 450-457.	1.4	3
16	A Novel Enzymatic Digestion Approach for Isolation and Culture of Rodent Bone Marrow Mesenchymal Progenitors. Methods in Molecular Biology, 2021, 2221, 29-39.	0.9	0
17	<scp>TNFAIP8</scp> family gene expressions in the mouse tail intervertebral disc injury model. JOR Spine, 2020, 3, e1093.	3.2	3
18	Wnt-mediated endothelial transformation into mesenchymal stem cellâ€“like cells induces chemoresistance in glioblastoma. Science Translational Medicine, 2020, 12, .	12.4	86

#	Article	IF	Citations
19	Gli1 Defines a Subset of Fibro-adipogenic Progenitors that Promote Skeletal Muscle Regeneration With Less Fat Accumulation. Journal of Bone and Mineral Research, 2020, 36, 1159-1173.	2.8	20
20	Influence of Genetic Background and Sex on Gene Expression in the Mouse (Mus musculus) Tail in a Model of Intervertebral Disc Injury. Comparative Medicine, 2020, 70, 131-139.	1.0	5
21	Single cell transcriptomics identifies a unique adipose lineage cell population that regulates bone marrow environment. ELife, 2020, 9, .	6.0	191
22	Functional Deficits in Mice Expressing Human Interleukin 8. Comparative Medicine, 2020, 70, 205-215.	1.0	5
23	EGFR Signaling Is Required for Maintaining Adult Cartilage Homeostasis and Attenuating Osteoarthritis Progression. Journal of Bone and Mineral Research, 2020, 37, 1012-1023.	2.8	13
24	Elevated serum IL-35 levels in rheumatoid arthritis are associated with disease activity. Journal of Investigative Medicine, 2019, 67, 707-710.	1.6	22
25	Periosteal Mesenchymal Progenitor Dysfunction and Extraskeletally-Derived Fibrosis Contribute to Atrophic Fracture Nonunion. Journal of Bone and Mineral Research, 2019, 34, 520-532.	2.8	35
26	Interleukin-27 inhibits malignant behaviors of pancreatic cancer cells by targeting M2 polarized tumor associated macrophages. Cytokine, 2017, 89, 194-200.	3.2	30
27	MiR-338-5p Promotes Inflammatory Response of Fibroblast-Like Synoviocytes in Rheumatoid Arthritis via TargetingSPRY1. Journal of Cellular Biochemistry, 2017, 118, 2295-2301.	2.6	14
28	Interleukin-35 attenuates collagen-induced arthritis through suppression of vascular endothelial growth factor and its receptors. International Immunopharmacology, 2016, 34, 71-77.	3.8	24
29	(â˜)-Epigallocatechin-3-Gallate Ameliorates Learning and Memory Deficits by Adjusting the Balance of TrkA/p75NTR Signaling in APP/PS1 Transgenic Mice. Molecular Neurobiology, 2014, 49, 1350-1363.	4.0	94
30	Clinical Implications of the Interleukin 27 Serum Level in Breast Cancer. Journal of Investigative Medicine, 2014, 62, 627-631.	1.6	27
31	Potential contribution of interleukin-33 to the development of interstitial lung disease in patients with primary Sjogrenâ€™s Syndrome. Cytokine, 2013, 64, 22-24.	3.2	22