Fei Liu

List of Publications by Year
in descending order

		361413	414414
35	6,606	20	32
papers	citations	h-index	g-index

35	35	35	16219
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	NF-Î¹B inhibits osteogenic differentiation of mesenchymal stem cells by promoting Î²-catenin degradation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9469-9474.	7.1	263
3	Autophagy in stem cells. Autophagy, 2013, 9, 830-849.	9.1	255
4	FIP200 is required for the cell-autonomous maintenance of fetal hematopoietic stem cells. Blood, 2010, 116, 4806-4814.	1.4	199
5	Suppression of autophagy by FIP200 deletion leads to osteopenia in mice through the inhibition of osteoblast terminal differentiation. Journal of Bone and Mineral Research, 2013, 28, 2414-2430.	2.8	187
6	Expression and activity of osteoblast-targeted Cre recombinase transgenes in murine skeletal tissues. International Journal of Developmental Biology, 2004, 48, 645-653.	0.6	174
7	Wnt signaling and skeletal development. Cellular Signalling, 2008, 20, 999-1009.	3.6	139
8	Osterix-Cre Transgene Causes Craniofacial Bone Development Defect. Calcified Tissue International, 2015, 96, 129-137.	3.1	70
9	FAK Promotes Osteoblast Progenitor Cell Proliferation and Differentiation by Enhancing Wnt Signaling. Journal of Bone and Mineral Research, 2016, 31, 2227-2238.	2.8	57
10	Developmental Regulation of the Growth Plate and Cranial Synchondrosis. Journal of Dental Research, 2016, 95, 1221-1229.	5.2	57
11	Minimal invasive microscopic tooth preparation in esthetic restoration: a specialist consensus. International Journal of Oral Science, 2019, 11, 31.	8.6	54
12	Constitutive Activation of mTORC1 in Endothelial Cells Leads to the Development and Progression of Lymphangiosarcoma through VEGF Autocrine Signaling. Cancer Cell, 2015, 28, 758-772.	16.8	53
13	Tsc1 Regulates the Balance Between Osteoblast and Adipocyte Differentiation Through Autophagy/Notch1/Î²-Catenin Cascade. Journal of Bone and Mineral Research, 2018, 33, 2021-2034.	2.8	45
14	Nanoscale monitoring of mitochondria and lysosome interactions for drug screening and discovery. Nano Research, 2019, 12, 1009-1015.	10.4	45
15	Postnatal Craniofacial Skeletal Development of Female C57BL/6NCrl Mice. Frontiers in Physiology, 2017, 8, 697.	2.8	38
16	Amphiregulin-EGFR Signaling Mediates the Migration of Bone Marrow Mesenchymal Progenitors toward PTH-Stimulated Osteoblasts and Osteocytes. PLoS ONE, 2012, 7, e50099.	2.5	36
17	Neural Crest-Specific TSC1 Deletion in Mice Leads to Sclerotic Craniofacial Bone Lesion. Journal of Bone and Mineral Research, 2015, 30, 1195-1205.	2.8	34
18	Deletion of BMP receptor type IB decreased bone mass in association with compromised osteoblastic differentiation of bone marrow mesenchymal progenitors. Scientific Reports, 2016, 6, 24256.	3.3	32

#	Article	IF	Citations
19	CREM deficiency in mice alters the response of bone to intermittent parathyroid hormone treatment. Bone, 2007, 40, 1135-1143.	2.9	29
20	Augmented BMP signaling commits cranial neural crest cells to a chondrogenic fate by suppressing autophagic Î²-catenin degradation. Science Signaling, 2021, 14, .	3.6	25
21	FIP200, an essential component of mammalian autophagy is indispensible for fetal hematopoiesis. Autophagy, 2011, 7, 229-230.	9.1	22
22	Immediate loading: From biology to biomechanics. Report of the Committee on Research in Fixed Prosthodontics of the American Academy of Fixed Prosthodontics. Journal of Prosthetic Dentistry, 2015, 113, 96-107.	2.8	20
23	Osteopenia in transgenic mice with osteoblast-targeted expression of the inducible cAMP early repressor. Bone, 2008, 43, 101-109.	2.9	19
24	Autophagy Regulates Craniofacial Bone Acquisition. Calcified Tissue International, 2019, 105, 518-530.	3.1	13
25	Male germline recombination of a conditional allele by the widely used Dermo1â€cre (Twist2â€cre) transgene. Genesis, 2017, 55, e23048.	1.6	11
26	<scp>FAK</scp> Promotes Early Osteoprogenitor Cell Proliferation by Enhancing <scp>mTORC1</scp> Signaling. Journal of Bone and Mineral Research, 2020, 35, 1798-1811.	2.8	6
27	Digital Immediate Complete Denture for a Patient with Rhabdomyosarcoma: A Clinical Report. Journal of Prosthodontics, 2021, 30, 196-201.	3.7	6
28	A Mouse Model of Craniofacial Bone Lesion of Tuberous Sclerosis Complex. Musculoskeletal Regeneration, 2015, 1, .	0.0	5
29	Chondrocyte Tsc1 controls cranial base bone development by restraining the premature differentiation of synchondroses. Bone, 2021, 153, 116142.	2.9	3
30	Interdisciplinary dental management of patient with oligodontia and maxillary hypoplasia: a case report. BMC Oral Health, 2022, 22, 84.	2.3	3
31	Mid-facial developmental defects caused by the widely used LacZ reporter gene when expressed in neural crest-derived cells. Transgenic Research, 2018, 27, 551-558.	2.4	2
32	Expression of Cre recombinase in chondrocytes causes abnormal craniofacial and skeletal development. Transgenic Research, 2022, 31, 399-411.	2.4	2
33	A Technique to Simultaneously Fabricate Multiple Custom Impression Posts for Implantâ€Supported Restorations in the Esthetic Zone. Journal of Prosthodontics, 2019, 28, 339-342.	3.7	1
34	Water aerosol protective device used during tooth preparation for patients with a maxillectomy. Journal of Prosthetic Dentistry, 2014, 111, 169-170.	2.8	0
35	A Technique to Obtain and Transfer Jaw Relation Records from Conventional Complete Denture to Implant-Supported Complete Denture. Dentistry - Open Journal, 2015, 2, 44-46.	0.2	0