

Lianping Xing

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2109915/publications.pdf>

Version: 2024-02-01

117
papers

10,108
citations

41344

49
h-index

36028

97
g-index

119
all docs

119
docs citations

119
times ranked

12044
citing authors

#	ARTICLE	IF	CITATIONS
1	Functions of RANKL/RANK/OPG in bone modeling and remodeling. Archives of Biochemistry and Biophysics, 2008, 473, 139-146.	3.0	1,335
2	Biology of RANK, RANKL, and osteoprotegerin. Arthritis Research and Therapy, 2007, 9, S1.	3.5	674
3	MicroRNA-204 Regulates Runx2 Protein Expression and Mesenchymal Progenitor Cell Differentiation. Stem Cells, 2010, 28, 357-364.	3.2	525
4	NF- κ B p50 and p52 Regulate Receptor Activator of NF- κ B Ligand (RANKL) and Tumor Necrosis Factor-induced Osteoclast Precursor Differentiation by Activating c-Fos and NFATc1. Journal of Biological Chemistry, 2007, 282, 18245-18253.	3.4	364
5	Tumor Necrosis Factor Promotes Runx2 Degradation through Up-regulation of Smurf1 and Smurf2 in Osteoblasts. Journal of Biological Chemistry, 2006, 281, 4326-4333.	3.4	261
6	The RANKL/RANK/OPG pathway. Current Osteoporosis Reports, 2007, 5, 98-104.	3.6	251
7	NF- κ B-Mediated Regulation of Osteoclastogenesis. Endocrinology and Metabolism, 2015, 30, 35.	3.0	243
8	Osteoclast precursors, RANKL/RANK, and immunology. Immunological Reviews, 2005, 208, 19-29.	6.0	205
9	RANK Signaling Is Not Required for TNF α -Mediated Increase in CD11b ^{hi} Osteoclast Precursors but Is Essential for Mature Osteoclast Formation in TNF α -Mediated Inflammatory Arthritis. Journal of Bone and Mineral Research, 2003, 19, 207-213.	2.8	200
10	The Expression Patterns of ER, PR, HER2, CK5/6, EGFR, Ki-67 and AR by Immunohistochemical Analysis in Breast Cancer Cell Lines. Breast Cancer: Basic and Clinical Research, 2010, 4, 117822341000400.	1.1	199
11	Systemic tumor necrosis factor α mediates an increase in peripheral CD11b ^{high} osteoclast precursors in tumor necrosis factor α -transgenic mice. Arthritis and Rheumatism, 2004, 50, 265-276.	6.7	198
12	TNF.ALPHA. and pathologic bone resorption. Keio Journal of Medicine, 2005, 54, 127-131.	1.1	188
13	Functional inhibition of osteoblastic cells in an in vivo mouse model of myeloid leukemia. Blood, 2012, 119, 540-550.	1.4	185
14	Tumor Necrosis Factor α Increases Circulating Osteoclast Precursor Numbers by Promoting Their Proliferation and Differentiation in the Bone Marrow through Up-regulation of c-Fms Expression. Journal of Biological Chemistry, 2006, 281, 11846-11855.	3.4	177
15	Inhibition of lymphangiogenesis and lymphatic drainage via vascular endothelial growth factor receptor 3 blockade increases the severity of inflammation in a mouse model of chronic inflammatory arthritis. Arthritis and Rheumatism, 2009, 60, 2666-2676.	6.7	155
16	NF- κ B p50 and p52 Expression Is Not Required for RANK-Expressing Osteoclast Progenitor Formation but Is Essential for RANK- and Cytokine-Mediated Osteoclastogenesis. Journal of Bone and Mineral Research, 2002, 17, 1200-1210.	2.8	148
17	Smad6 Interacts with Runx2 and Mediates Smad Ubiquitin Regulatory Factor 1-induced Runx2 Degradation. Journal of Biological Chemistry, 2006, 281, 3569-3576.	3.4	142
18	In Vivo RANK Signaling Blockade Using the Receptor Activator of NF- κ B:Fc Effectively Prevents and Ameliorates Wear Debris-Induced Osteolysis via Osteoclast Depletion Without Inhibiting Osteogenesis. Journal of Bone and Mineral Research, 2002, 17, 192-199.	2.8	139

#	ARTICLE	IF	CITATIONS
19	Osteoclasts Have Multiple Roles in Bone in Addition to Bone Resorption. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2009, 19, 171-180.	0.9	139
20	Production of RANKL by Memory B Cells: A Link Between B Cells and Bone Erosion in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2016, 68, 805-816.	5.6	138
21	NF- κ B p100 limits TNF-induced bone resorption in mice by a TRAF3-dependent mechanism. <i>Journal of Clinical Investigation</i> , 2009, 119, 3024-3034.	8.2	137
22	Increased lymphangiogenesis in joints of mice with inflammatory arthritis. <i>Arthritis Research and Therapy</i> , 2007, 9, R118.	3.5	134
23	Regulation of apoptosis in osteoclasts and osteoblastic cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 709-720.	2.1	130
24	Chloroquine reduces osteoclastogenesis in murine osteoporosis by preventing TRAF3 degradation. <i>Journal of Clinical Investigation</i> , 2014, 124, 297-310.	8.2	130
25	Ubiquitin Ligase Smurf1 Mediates Tumor Necrosis Factor-induced Systemic Bone Loss by Promoting Proteasomal Degradation of Bone Morphogenetic Signaling Proteins. <i>Journal of Biological Chemistry</i> , 2008, 283, 23084-23092.	3.4	121
26	Tumor necrosis factor inhibits mesenchymal stem cell differentiation into osteoblasts via the ubiquitin E3 ligase Wwp1. <i>Stem Cells</i> , 2011, 29, 1601-1610.	3.2	120
27	Osteoclast precursors: cytokine-stimulated immunomodulators of inflammatory bone disease. <i>Current Opinion in Rheumatology</i> , 2006, 18, 427-432.	4.3	109
28	Vascular endothelial growth factor C attenuates joint damage in chronic inflammatory arthritis by accelerating local lymphatic drainage in mice. <i>Arthritis and Rheumatism</i> , 2011, 63, 2318-2328.	6.7	109
29	B cells inhibit bone formation in rheumatoid arthritis by suppressing osteoblast differentiation. <i>Nature Communications</i> , 2018, 9, 5127.	12.8	105
30	Meningeal lymphatics clear erythrocytes that arise from subarachnoid hemorrhage. <i>Nature Communications</i> , 2020, 11, 3159.	12.8	102
31	Evidence for a Direct Role of Cyclo-Oxygenase 2 in Implant Wear Debris-Induced Osteolysis. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 660-670.	2.8	99
32	High-Fat Diet Causes Bone Loss in Young Mice by Promoting Osteoclastogenesis Through Alteration of the Bone Marrow Environment. <i>Calcified Tissue International</i> , 2015, 96, 313-323.	3.1	99
33	Targeting lymphatic function as a novel therapeutic intervention for rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2018, 14, 94-106.	8.0	99
34	Osteoclast Precursor Interaction with Bone Matrix Induces Osteoclast Formation Directly by an Interleukin-1-mediated Autocrine Mechanism. <i>Journal of Biological Chemistry</i> , 2008, 283, 9917-9924.	3.4	97
35	Osteoclast fusion and regulation by RANKL-dependent and independent factors. <i>World Journal of Orthopedics</i> , 2012, 3, 212.	1.8	96
36	Delayed Fracture Healing and Increased Callus Adiposity in a C57BL/6J Murine Model of Obesity-Associated Type 2 Diabetes Mellitus. <i>PLoS ONE</i> , 2014, 9, e99656.	2.5	88

#	ARTICLE	IF	CITATIONS
37	Roles for NF- κ B and c-Fos in osteoclasts. <i>Journal of Bone and Mineral Metabolism</i> , 2005, 23, 11-15.	2.7	86
38	Longitudinal assessment of synovial, lymph node, and bone volumes in inflammatory arthritis in mice by in vivo magnetic resonance imaging and microfocal computed tomography. <i>Arthritis and Rheumatism</i> , 2007, 56, 4024-4037.	6.7	79
39	Near-infrared lymphatic imaging demonstrates the dynamics of lymph flow and lymphangiogenesis during the acute versus chronic phases of arthritis in mice. <i>Arthritis and Rheumatism</i> , 2010, 62, 1881-1889.	6.7	78
40	Smurf1 inhibits mesenchymal stem cell proliferation and differentiation into osteoblasts through JunB degradation. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1246-1256.	2.8	73
41	Expanded CD23+/CD21hi B Cells in Inflamed Lymph Nodes Are Associated with the Onset of Inflammatory-Erosive Arthritis in TNF-Transgenic Mice and Are Targets of Anti-CD20 Therapy. <i>Journal of Immunology</i> , 2010, 184, 6142-6150.	0.8	73
42	TNF inhibits production of stromal cell-derived factor 1 by bone stromal cells and increases osteoclast precursor mobilization from bone marrow to peripheral blood. <i>Arthritis Research and Therapy</i> , 2008, 10, R37.	3.5	70
43	VEGF-C, a Lymphatic Growth Factor, Is a RANKL Target Gene in Osteoclasts That Enhances Osteoclastic Bone Resorption through an Autocrine Mechanism. <i>Journal of Biological Chemistry</i> , 2008, 283, 13491-13499.	3.4	70
44	Targeting Notch-Activated M1 Macrophages Attenuates Joint Tissue Damage in a Mouse Model of Inflammatory Arthritis. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1469-1480.	2.8	69
45	NOTCH inhibits osteoblast formation in inflammatory arthritis via noncanonical NF- κ B. <i>Journal of Clinical Investigation</i> , 2014, 124, 3200-3214.	8.2	67
46	MRI and Quantification of Draining Lymph Node Function in Inflammatory Arthritis. <i>Annals of the New York Academy of Sciences</i> , 2007, 1117, 106-123.	3.8	57
47	TGF β 2-induced degradation of TRAF3 in mesenchymal progenitor cells causes age-related osteoporosis. <i>Nature Communications</i> , 2019, 10, 2795.	12.8	57
48	Ubiquitin E3 ligase Wwp1 negatively regulates osteoblast function by inhibiting osteoblast differentiation and migration. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1925-1935.	2.8	56
49	NF- κ B RelB Negatively Regulates Osteoblast Differentiation and Bone Formation. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 866-877.	2.8	55
50	The role of the lymphatic system in inflammatory-erosive arthritis. <i>Seminars in Cell and Developmental Biology</i> , 2015, 38, 90-97.	5.0	54
51	Bone Remodeling and the Role of TRAF3 in Osteoclastic Bone Resorption. <i>Frontiers in Immunology</i> , 2018, 9, 2263.	4.8	54
52	Efficacy of B cell depletion therapy for murine joint arthritis flare is associated with increased lymphatic flow. <i>Arthritis and Rheumatism</i> , 2013, 65, 130-138.	6.7	53
53	Expression of Either NF- κ B p50 or p52 in Osteoclast Precursors Is Required for IL-1-Induced Bone Resorption. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 260-269.	2.8	51
54	Lymphatic endothelial cells efferent to inflamed joints produce iNOS and inhibit lymphatic vessel contraction and drainage in TNF-induced arthritis in mice. <i>Arthritis Research and Therapy</i> , 2016, 18, 62.	3.5	46

#	ARTICLE	IF	CITATIONS
55	Elucidating bone marrow edema and myelopoiesis in murine arthritis using contrast-enhanced magnetic resonance imaging. <i>Arthritis and Rheumatism</i> , 2008, 58, 2019-2029.	6.7	45
56	Single-cell RNA landscape of the osteoimmunology microenvironment in periodontitis. <i>Theranostics</i> , 2022, 12, 1074-1096.	10.0	45
57	CD23 ⁺ /CD21 ^{hi} B-cell translocation and ipsilateral lymph node collapse is associated with asymmetric arthritic flare in TNF-Tg mice. <i>Arthritis Research and Therapy</i> , 2011, 13, R138.	3.5	44
58	The Notch Ligand Jagged1 Regulates the Osteoblastic Lineage by Maintaining the Osteoprogenitor Pool. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1320-1331.	2.8	44
59	Fabrication of a triptolide-loaded and poly- γ -glutamic acid-based amphiphilic nanoparticle for the treatment of rheumatoid arthritis. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2051-2064.	6.7	43
60	Distribution and Alteration of Lymphatic Vessels in Knee Joints of Normal and Osteoarthritic Mice. <i>Arthritis and Rheumatology</i> , 2014, 66, 657-666.	5.6	42
61	Mechanisms of bone fragility in a mouse model of glucocorticoid-treated rheumatoid arthritis: Implications for insufficiency fracture risk. <i>Arthritis and Rheumatism</i> , 2012, 64, 3649-3659.	6.7	39
62	RGS12 Is a Novel Critical NF- κ B Activator in Inflammatory Arthritis. <i>IScience</i> , 2020, 23, 101172.	4.1	38
63	Malignant Autosomal Recessive Osteopetrosis Caused by Spontaneous Mutation of Murine Rank. <i>Journal of Bone and Mineral Research</i> , 2004, 19, 1689-1697.	2.8	35
64	Smurf control in bone cells. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 554-563.	2.6	35
65	Brief Report: Treatment of Tumor Necrosis Factor-Transgenic Mice With Anti-Tumor Necrosis Factor Restores Lymphatic Contractions, Repairs Lymphatic Vessels, and May Increase Monocyte/Macrophage Egress. <i>Arthritis and Rheumatology</i> , 2017, 69, 1187-1193.	5.6	35
66	New Roles for Osteoclasts in Bone. <i>Annals of the New York Academy of Sciences</i> , 2007, 1116, 245-254.	3.8	33
67	The ubiquitin E3 ligase WWP1 decreases CXCL12-mediated MDA231 breast cancer cell migration and bone metastasis. <i>Bone</i> , 2012, 50, 813-823.	2.9	32
68	Bortezomib prevents oncogenesis and bone metastasis of prostate cancer by inhibiting WWP1, Smurf1 and Smurf2. <i>International Journal of Oncology</i> , 2014, 45, 1469-1478.	3.3	32
69	Effects of antiresorptive agents on osteomyelitis. <i>Annals of the New York Academy of Sciences</i> , 2010, 1192, 84-94.	3.8	31
70	TNF Receptor-Associated Factor 6 Mediates TNF-Induced Skeletal Muscle Atrophy in Mice During Aging. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1535-1548.	2.8	31
71	Autoimmunity and Bone. <i>Annals of the New York Academy of Sciences</i> , 2006, 1068, 275-283.	3.8	30
72	Lymphatic Endothelial Cells Produce M-CSF, Causing Massive Bone Loss in Mice. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 939-950.	2.8	30

#	ARTICLE	IF	CITATIONS
73	Synthesis of a Bone-Targeted Bortezomib with In Vivo Anti-Myeloma Effects in Mice. <i>Pharmaceutics</i> , 2018, 10, 154.	4.5	30
74	Targeting anti-cancer agents to bone using bisphosphonates. <i>Bone</i> , 2020, 138, 115492.	2.9	29
75	Ubiquitin E3 Ligase Itch Negatively Regulates Osteoclast Formation by Promoting Deubiquitination of Tumor Necrosis Factor (TNF) Receptor-associated Factor 6. <i>Journal of Biological Chemistry</i> , 2013, 288, 22359-22368.	3.4	28
76	Ubiquitin E3 Ligase Itch Negatively Regulates Osteoblast Differentiation from Mesenchymal Progenitor Cells. <i>Stem Cells</i> , 2013, 31, 1574-1583.	3.2	28
77	Du-Huo-Ji-Sheng-Tang Attenuates Inflammation of TNF-Tg Mice Related to Promoting Lymphatic Drainage Function. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-12.	1.2	28
78	Thy1 is a positive regulator of osteoblast differentiation and modulates bone homeostasis in obese mice. <i>FASEB Journal</i> , 2018, 32, 3174-3183.	0.5	28
79	Power Doppler Ultrasound Phenotyping of Expanding versus Collapsed Popliteal Lymph Nodes in Murine Inflammatory Arthritis. <i>PLoS ONE</i> , 2013, 8, e73766.	2.5	26
80	Lymphatic imaging to assess rheumatoid flare: mechanistic insights and biomarker potential. <i>Arthritis Research and Therapy</i> , 2016, 18, 194.	3.5	26
81	Attenuated Joint Tissue Damage Associated With Improved Synovial Lymphatic Function Following Treatment With Bortezomib in a Mouse Model of Experimental Posttraumatic Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2019, 71, 244-257.	5.6	26
82	Age-associated callus senescent cells produce TGF- β 1 that inhibits fracture healing in aged mice. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	26
83	Mice Deficient in NF- κ B p50 and p52 or RANK Have Defective Growth Plate Formation and Post-natal Dwarfism. <i>Bone Research</i> , 2013, 1, 336-345.	11.4	23
84	Association of Increased F4/80 ^{high} Macrophages With Suppression of Serum α 1 transfer Arthritis in Mice With Reduced FLIP in Myeloid Cells. <i>Arthritis and Rheumatology</i> , 2017, 69, 1762-1771.	5.6	23
85	Targeting Bortezomib to Bone Increases Its Bone Anabolic Activity and Reduces Systemic Adverse Effects in Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 343-356.	2.8	23
86	Total saponins of panaxnotoginseng promotes lymphangiogenesis by activation VEGF-C expression of lymphatic endothelial cells. <i>Journal of Ethnopharmacology</i> , 2016, 193, 293-302.	4.1	22
87	Bisphosphonates for delivering drugs to bone. <i>British Journal of Pharmacology</i> , 2021, 178, 2008-2025.	5.4	21
88	Deletion of calponin 2 in macrophages attenuates the severity of inflammatory arthritis in mice. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C673-C685.	4.6	20
89	Deletion of Mecom in mouse results in early-onset spinal deformity and osteopenia. <i>Bone</i> , 2014, 60, 148-161.	2.9	19
90	Multiple expressions of lymphatic markers and morphological evolution of newly formed lymphatics in lymphangioma and lymph node lymphangiogenesis. <i>Microvascular Research</i> , 2010, 80, 195-201.	2.5	18

#	ARTICLE	IF	CITATIONS
91	iNOS dependent and independent phases of lymph node expansion in mice with TNF-induced inflammatory-erosive arthritis. <i>Arthritis Research and Therapy</i> , 2019, 21, 240.	3.5	16
92	SAR of Carbon-Linked, 2-Substituted Purines: Synthesis and Characterization of AP23451 as a novel Bone-Targeted Inhibitor of Src Tyrosine Kinase With <i>In Vivo</i> Anti-Resorptive Activity. <i>Chemical Biology and Drug Design</i> , 2008, 71, 97-105.	3.2	15
93	Clomipramine causes osteoporosis by promoting osteoclastogenesis via E3 ligase Itch, which is prevented by Zoledronic acid. <i>Scientific Reports</i> , 2017, 7, 41358.	3.3	15
94	RANKL-Based Osteoclastogenic Assays from Murine Bone Marrow Cells. <i>Methods in Molecular Biology</i> , 2014, 1130, 307-313.	0.9	15
95	Effect of VEGFC on lymph flow and inflammation-induced alveolar bone loss. <i>Journal of Pathology</i> , 2020, 251, 323-335.	4.5	13
96	Lymphangiogenesis, myeloid cells and inflammation. <i>Expert Review of Clinical Immunology</i> , 2008, 4, 599-613.	3.0	12
97	Lineage tracing reveals evidence of a popliteal lymphatic muscle progenitor cell that is distinct from skeletal and vascular muscle progenitors. <i>Scientific Reports</i> , 2020, 10, 18088.	3.3	12
98	Lymphatic muscle cells contribute to dysfunction of the synovial lymphatic system in inflammatory arthritis in mice. <i>Arthritis Research and Therapy</i> , 2021, 23, 58.	3.5	12
99	Circulating Osteoclast Precursors: A Mechanism and a Marker of Erosive Arthritis. <i>Current Rheumatology Reviews</i> , 2005, 1, 21-28.	0.8	11
100	Measuring intranodal pressure and lymph viscosity to elucidate mechanisms of arthritic flare and therapeutic outcomes. <i>Annals of the New York Academy of Sciences</i> , 2011, 1240, 47-52.	3.8	11
101	Utilization of longitudinal ultrasound to quantify joint soft-tissue changes in a mouse model of posttraumatic osteoarthritis. <i>Bone Research</i> , 2017, 5, 17012.	11.4	11
102	Use of Hes1 -GFP reporter mice to assess activity of the Hes1 promoter in bone cells under chronic inflammation. <i>Bone</i> , 2016, 90, 80-89.	2.9	9
103	Single-cell transcriptomics of popliteal lymphatic vessels and peripheral veins reveals altered lymphatic muscle and immune cell populations in the TNF-Tg arthritis model. <i>Arthritis Research and Therapy</i> , 2022, 24, 64.	3.5	9
104	The Role of Bone Marrow Edema and Lymphangiogenesis in Inflammatory-Erosive Arthritis. <i>Advances in Experimental Medicine and Biology</i> , 2009, 658, 1-10.	1.6	7
105	The Role of the Immune System and Bone Cells in Acute and Chronic Osteomyelitis. , 2011, , 369-389.		6
106	Proteasome inhibition-enhanced fracture repair is associated with increased mesenchymal progenitor cells in mice. <i>PLoS ONE</i> , 2022, 17, e0263839.	2.5	6
107	Regulation of osteoclast precursors in inflammatory bone loss. <i>Current Opinion in Investigational Drugs</i> , 2009, 10, 1195-203.	2.3	5
108	Biology of Bone and Cartilage. , 2013, , 3-24.		4

#	ARTICLE	IF	CITATIONS
109	Ubiquitination of interleukin-1 β is associated with increased pro-inflammatory polarization of murine macrophages deficient in the E3 ligase ITCH. <i>Journal of Biological Chemistry</i> , 2020, 295, 11764-11775.	3.4	4
110	Receptor activator of nuclear κ B ligand and osteoprotegerin: where are we now and what about future treatment uses?. <i>Current Opinion in Orthopaedics</i> , 2005, 16, 370-375.	0.3	3
111	Avian Reticuloendotheliosis Viral Oncogene Related B Regulates Lymphatic Endothelial Cells during Vessel Maturation and Is Required for Lymphatic Vessel Function in Adult Mice. <i>American Journal of Pathology</i> , 2019, 189, 2516-2530.	3.8	3
112	Functional Inhibition of Osteoblastic Cells in An In Vivo Mouse Model of Myeloid Leukemia. <i>Blood</i> , 2011, 118, 243-243.	1.4	3
113	Bone-Targeted Bortezomib Inhibits Bortezomib-Resistant Multiple Myeloma in Mice by Providing Higher Levels of Bortezomib in Bone. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 629-642.	2.8	3
114	Disruption of Rankl/Rank Signaling Reduces TNF-Induced Joint Inflammation In Vivo. <i>Open Arthritis Journal</i> , 2009, 2, 7-13.	0.0	2
115	Reciprocal Synergistic Interactions of Leukemic Cells with Osteoclast Progenitors in the Bone Microenvironment. <i>Blood</i> , 2008, 112, 322-322.	1.4	1
116	RANKL-Based Osteoclastogenic Assay from Murine Bone Marrow Cells. <i>Methods in Molecular Biology</i> , 2021, 2230, 457-465.	0.9	1
117	OSTEOCLASTS AND INFLAMMATORY OSTEOLYSIS. , 2005, , 125-144.		0