

# Jennifer Tickner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4798909/publications.pdf>

Version: 2024-02-01

66  
papers

3,816  
citations

185998

28  
h-index

128067

60  
g-index

68  
all docs

68  
docs citations

68  
times ranked

5183  
citing authors

#	ARTICLE	IF	CITATIONS
1	Osteoblast-derived EGFL6 couples angiogenesis to osteogenesis during bone repair. <i>Theranostics</i> , 2021, 11, 9738-9751.	4.6	20
2	The emerging roles of hnRNPk. <i>Journal of Cellular Physiology</i> , 2020, 235, 1995-2008.	2.0	85
3	PKC- $\zeta$ deficiency in B cells displays osteopenia accompanied with upregulation of RANKL expression and osteoclast-osteoblast uncoupling. <i>Cell Death and Disease</i> , 2020, 11, 762.	2.7	12
4	Fumitremorgin C Attenuates Osteoclast Formation and Function via Suppressing RANKL-Induced Signaling Pathways. <i>Frontiers in Pharmacology</i> , 2020, 11, 238.	1.6	8
5	Conditional Knockout of PKC- $\zeta$ in Osteoclasts Favors Bone Mass Accrual in Males Due to Decreased Osteoclast Function. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 450.	1.8	6
6	Fangchinoline protects against bone loss in OVX mice via inhibiting osteoclast formation, bone resorption and RANKL-induced signaling. <i>International Journal of Biological Sciences</i> , 2020, 16, 309-319.	2.6	16
7	Asiatic Acid Inhibits OVX-Induced Osteoporosis and Osteoclastogenesis Via Regulating RANKL-Mediated NF- $\kappa$ B and Nfatc1 Signaling Pathways. <i>Frontiers in Pharmacology</i> , 2020, 11, 331.	1.6	22
8	Modulating calcium-mediated NFATc1 and mitogen-activated protein kinase deactivation underlies the inhibitory effects of kavain on osteoclastogenesis and bone resorption. <i>Journal of Cellular Physiology</i> , 2019, 234, 789-801.	2.0	11
9	MiR-214 is an important regulator of the musculoskeletal metabolism and disease. <i>Journal of Cellular Physiology</i> , 2019, 234, 231-245.	2.0	49
10	Asiaticoside, a component of <i>Centella asiatica</i> attenuates RANKL-induced osteoclastogenesis via NFATc1 and NF- $\kappa$ B signaling pathways. <i>Journal of Cellular Physiology</i> , 2019, 234, 4267-4276.	2.0	28
11	Loureirin B suppresses RANKL-induced osteoclastogenesis and ovariectomized osteoporosis via attenuating NFATc1 and ROS activities. <i>Theranostics</i> , 2019, 9, 4648-4662.	4.6	141
12	Asperpyrone A attenuates RANKL-induced osteoclast formation through inhibiting NFATc1, Ca <sup>2+</sup> signalling and oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 8269-8279.	1.6	13
13	Astilbin prevents bone loss in ovariectomized mice through the inhibition of RANKL-induced osteoclastogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 8355-8368.	1.6	16
14	Advanced Genetic Approaches in Discovery and Characterization of Genes Involved With Osteoporosis in Mouse and Human. <i>Frontiers in Genetics</i> , 2019, 10, 288.	1.1	18
15	Pseurotin A Inhibits Osteoclastogenesis and Prevents Ovariectomized-Induced Bone Loss by Suppressing Reactive Oxygen Species. <i>Theranostics</i> , 2019, 9, 1634-1650.	4.6	165
16	Cumambrin A prevents OVX-induced osteoporosis via the inhibition of osteoclastogenesis, bone resorption, and RANKL signaling pathways. <i>FASEB Journal</i> , 2019, 33, 6726-6735.	0.2	11
17	Madecassoside inhibits estrogen deficiency-induced osteoporosis by suppressing RANKL-induced osteoclastogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 380-394.	1.6	34
18	Helvolic acid attenuates osteoclast formation and function via suppressing RANKL-induced NFATc1 activation. <i>Journal of Cellular Physiology</i> , 2019, 234, 6477-6488.	2.0	17

#	ARTICLE	IF	CITATIONS
19	Cajaninstilbene acid inhibits osteoporosis through suppressing osteoclast formation and RANKL-induced signaling pathways. <i>Journal of Cellular Physiology</i> , 2019, 234, 11792-11804.	2.0	14
20	Poria cocos polysaccharide attenuates RANKL-induced osteoclastogenesis by suppressing NFATc1 activity and phosphorylation of ERK and STAT3. <i>Archives of Biochemistry and Biophysics</i> , 2018, 647, 76-83.	1.4	23
21	Achyranthes bidentata polysaccharide suppresses osteoclastogenesis and bone resorption via inhibiting RANKL signaling. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4826-4835.	1.2	25
22	The emerging role of NPNT in tissue injury repair and bone homeostasis. <i>Journal of Cellular Physiology</i> , 2018, 233, 1887-1894.	2.0	19
23	Cyanidin Chloride inhibits ovariectomy-induced osteoporosis by suppressing RANKL-mediated osteoclastogenesis and associated signaling pathways. <i>Journal of Cellular Physiology</i> , 2018, 233, 2502-2512.	2.0	48
24	<i>Cistanche deserticola</i> polysaccharide attenuates osteoclastogenesis and bone resorption via inhibiting RANKL signaling and reactive oxygen species production. <i>Journal of Cellular Physiology</i> , 2018, 233, 9674-9684.	2.0	32
25	New therapeutic opportunities from dissecting the pre-B leukemia bone marrow microenvironment. <i>Leukemia</i> , 2018, 32, 2326-2338.	3.3	32
26	Lumichrome inhibits osteoclastogenesis and bone resorption through suppressing RANKL-induced NFAT activation and calcium signaling. <i>Journal of Cellular Physiology</i> , 2018, 233, 8971-8983.	2.0	9
27	EGFL7: Master regulator of cancer pathogenesis, angiogenesis and an emerging mediator of bone homeostasis. <i>Journal of Cellular Physiology</i> , 2018, 233, 8526-8537.	2.0	46
28	The Emerging Role of MORC Family Proteins in Cancer Development and Bone Homeostasis. <i>Journal of Cellular Physiology</i> , 2017, 232, 928-934.	2.0	35
29	Mechanical Stress Regulates Bone Metabolism Through MicroRNAs. <i>Journal of Cellular Physiology</i> , 2017, 232, 1239-1245.	2.0	57
30	Molecular structure and differential function of choline kinases CHK1 and CHK2 in musculoskeletal system and cancer. <i>Cytokine and Growth Factor Reviews</i> , 2017, 33, 65-72.	3.2	14
31	Neohesperidin suppresses osteoclast differentiation, bone resorption and ovariectomised-induced osteoporosis in mice. <i>Molecular and Cellular Endocrinology</i> , 2017, 439, 369-378.	1.6	47
32	Bajjiasu Abrogates Osteoclast Differentiation via the Suppression of RANKL Signaling Pathways through NF- $\kappa$ B and NFAT. <i>International Journal of Molecular Sciences</i> , 2017, 18, 203.	1.8	25
33	Dihydroartemisinin, an Anti-Malaria Drug, Suppresses Estrogen Deficiency-Induced Osteoporosis, Osteoclast Formation, and RANKL-Induced Signaling Pathways. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 964-974.	3.1	88
34	Bafilomycin A1 Attenuates Osteoclast Acidification and Formation, Accompanied by Increased Levels of SQSTM1/p62 Protein. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1464-1470.	1.2	9
35	Calmodulin interacts with Rab3D and modulates osteoclastic bone resorption. <i>Scientific Reports</i> , 2016, 6, 37963.	1.6	13
36	Morc3 mutant mice exhibit reduced cortical area and thickness, accompanied by altered haematopoietic stem cells niche and bone cell differentiation. <i>Scientific Reports</i> , 2016, 6, 25964.	1.6	29

#	ARTICLE	IF	CITATIONS
37	Nitidine chloride prevents OVX-induced bone loss via suppressing NFATc1-mediated osteoclast differentiation. <i>Scientific Reports</i> , 2016, 6, 36662.	1.6	24
38	NPNT is Expressed by Osteoblasts and Mediates Angiogenesis via the Activation of Extracellular Signal-regulated Kinase. <i>Scientific Reports</i> , 2016, 6, 36210.	1.6	24
39	Eriodictyol Inhibits RANKL-Induced Osteoclast Formation and Function Via Inhibition of NFATc1 Activity. <i>Journal of Cellular Physiology</i> , 2016, 231, 1983-1993.	2.0	28
40	Protein kinase C delta null mice exhibit structural alterations in articular surface, intra-articular and subchondral compartments. <i>Arthritis Research and Therapy</i> , 2015, 17, 210.	1.6	13
41	Natural Germacrane Sesquiterpenes Inhibit Osteoclast Formation, Bone Resorption, RANKL-Induced NF- $\kappa$ B Activation, and $\text{I}\beta\text{I}$ Degradation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 26599-26607.	1.8	13
42	Berberine Sulfate Attenuates Osteoclast Differentiation through RANKL Induced NF- $\kappa$ B and NFAT Pathways. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27087-27096.	1.8	29
43	Protein Kinase C Inhibitor, GF109203X Attenuates Osteoclastogenesis, Bone Resorption and RANKL-Induced NF- $\kappa$ B and NFAT Activity. <i>Journal of Cellular Physiology</i> , 2015, 230, 1235-1242.	2.0	22
44	Choline Kinase $\beta$ Mutant Mice Exhibit Reduced Phosphocholine, Elevated Osteoclast Activity, and Low Bone Mass. <i>Journal of Biological Chemistry</i> , 2015, 290, 1729-1742.	1.6	24
45	Triptolide inhibits osteoclast formation, bone resorption, RANKL-mediated NF- $\kappa$ B activation and titanium particle-induced osteolysis in a mouse model. <i>Molecular and Cellular Endocrinology</i> , 2015, 399, 346-353.	1.6	37
46	EGFL7 Is Expressed in Bone Microenvironment and Promotes Angiogenesis via ERK, STAT3, and Integrin Signaling Cascades. <i>Journal of Cellular Physiology</i> , 2015, 230, 82-94.	2.0	40
47	An effective and practical immunohistochemical protocol for bone specimens characterized by hyaluronidase and pepsin predigestion combined with alkaline phosphatase-mediated chromogenic detection. <i>Histology and Histopathology</i> , 2015, 30, 331-43.	0.5	1
48	Htra1 is upregulated during RANKL-induced osteoclastogenesis, and negatively regulates osteoblast differentiation and BMP2-induced Smad1/5/8, ERK and p38 phosphorylation. <i>FEBS Letters</i> , 2014, 588, 143-150.	1.3	30
49	The role of SATB2 in skeletogenesis and human disease. <i>Cytokine and Growth Factor Reviews</i> , 2014, 25, 35-44.	3.2	64
50	SC-514, a selective inhibitor of IKK $\beta$ attenuates RANKL-induced osteoclastogenesis and NF- $\kappa$ B activation. <i>Biochemical Pharmacology</i> , 2013, 86, 1775-1783.	2.0	42
51	Angiogenic factors in bone local environment. <i>Cytokine and Growth Factor Reviews</i> , 2013, 24, 297-310.	3.2	208
52	Prolactin Expression in the Cochlea of Aged BALB/c Mice Is Gender Biased and Correlates to Loss of Bone Mineral Density and Hearing Loss. <i>PLoS ONE</i> , 2013, 8, e63952.	1.1	11
53	Loss of Protein Kinase C- $\delta$ Protects against LPS-Induced Osteolysis Owing to an Intrinsic Defect in Osteoclastic Bone Resorption. <i>PLoS ONE</i> , 2013, 8, e70815.	1.1	23
54	An overview of the regulation of bone remodelling at the cellular level. <i>Clinical Biochemistry</i> , 2012, 45, 863-873.	0.8	408

#	ARTICLE	IF	CITATIONS
55	Hypothermia inhibits osteoblast differentiation and bone formation but stimulates osteoclastogenesis. <i>Experimental Cell Research</i> , 2012, 318, 2237-2244.	1.2	17
56	Age related changes in gene expression within the cochlea of C57BL/6J mice. <i>Aging Clinical and Experimental Research</i> , 2012, 24, 603-11.	1.4	8
57	Nox2-derived ROS in PPAR $\alpha$ signaling and cell-cycle progression of lung alveolar epithelial cells. <i>Free Radical Biology and Medicine</i> , 2011, 51, 763-772.	1.3	31
58	EGFL6 Promotes Endothelial Cell Migration and Angiogenesis through the Activation of Extracellular Signal-regulated Kinase. <i>Journal of Biological Chemistry</i> , 2011, 286, 22035-22046.	1.6	95
59	Hypoxia stimulates osteoclast formation from human peripheral blood. <i>Cell Biochemistry and Function</i> , 2010, 28, 374-380.	1.4	85
60	Choline kinase beta is an important regulator of bone homeostasis. <i>Bone</i> , 2010, 47, S444.	1.4	2
61	Hypoxia stimulates vesicular ATP release from rat osteoblasts. <i>Journal of Cellular Physiology</i> , 2009, 220, 155-162.	2.0	125
62	Extracellular Nucleotides Block Bone Mineralization in Vitro: Evidence for Dual Inhibitory Mechanisms Involving Both P2Y2 Receptors and Pyrophosphate. <i>Endocrinology</i> , 2007, 148, 4208-4216.	1.4	119
63	Hypoxia inhibits the growth, differentiation and bone-forming capacity of rat osteoblasts. <i>Experimental Cell Research</i> , 2006, 312, 1693-1702.	1.2	254
64	Wnt signalling in osteoblasts regulates expression of the receptor activator of NF $\kappa$ B ligand and inhibits osteoclastogenesis in vitro. <i>Journal of Cell Science</i> , 2006, 119, 1283-1296.	1.2	307
65	Acidosis Inhibits Bone Formation by Osteoblasts In Vitro by Preventing Mineralization. <i>Calcified Tissue International</i> , 2005, 77, 167-174.	1.5	224
66	Hypoxia is a major stimulator of osteoclast formation and bone resorption. <i>Journal of Cellular Physiology</i> , 2003, 196, 2-8.	2.0	269