

# Xiao-chun Bai

## List of Publications by Year in descending order

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Version: 2024-02-01

134  
papers

5,971  
citations

66234

42  
h-index

88477

70  
g-index

143  
all docs

143  
docs citations

143  
times ranked

9232  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomal myeloperoxidase as a biomarker of deep venous thrombosis. <i>Annals of Translational Medicine</i> , 2022, 10, 9-9.	0.7	2
2	Kindlin-2 inhibits Nlrp3 inflammasome activation in nucleus pulposus to maintain homeostasis of the intervertebral disc. <i>Bone Research</i> , 2022, 10, 5.	5.4	48
3	Mechanical overloading promotes chondrocyte senescence and osteoarthritis development through downregulating FBXW7. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 676-686.	0.5	60
4	Kindlin-2 preserves integrity of the articular cartilage to protect against osteoarthritis. <i>Nature Aging</i> , 2022, 2, 332-347.	5.3	21
5	hUC-MSC-mediated recovery of subacute spinal cord injury through enhancing the pivotal subunits $\beta$ 23 and $\beta$ 2 of the GABA <sub>A</sub> receptor. <i>Theranostics</i> , 2022, 12, 3057-3078.	4.6	17
6	mTORC1 induces plasma membrane depolarization and promotes preosteoblast senescence by regulating the sodium channel Scn1a. <i>Bone Research</i> , 2022, 10, 25.	5.4	9
7	DNMT1 is a negative regulator of osteogenesis. <i>Biology Open</i> , 2022, 11, .	0.6	4
8	Bindarit Reduces Bone Loss in Ovariectomized Mice by Inhibiting CCL2 and CCL7 Expression via the NF- $\kappa$ B Signaling Pathway. <i>Orthopaedic Surgery</i> , 2022, 14, 1203-1216.	0.7	4
9	Loss of Raptor induces Sertoli cells into an undifferentiated state in mice. <i>Biology of Reproduction</i> , 2022, 107, 1125-1138.	1.2	1
10	DEPTOR exacerbates bone-fat imbalance in osteoporosis by transcriptionally modulating BMSC differentiation. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113164.	2.5	10
11	Development of Biodegradable Osteopromotive Citrate-Based Bone Putty. <i>Small</i> , 2022, 18, .	5.2	9
12	FABP4 secreted by M1-polarized macrophages promotes synovitis and angiogenesis to exacerbate rheumatoid arthritis. <i>Bone Research</i> , 2022, 10, .	5.4	23
13	Pentraxin 3 regulated by miR-224-5p modulates macrophage reprogramming and exacerbates osteoarthritis associated synovitis by targeting CD32. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	24
14	Kindlin-2 mediates mechanotransduction in bone by regulating expression of Sclerostin in osteocytes. <i>Communications Biology</i> , 2021, 4, 402.	2.0	21
15	SPTBN1 Prevents Primary Osteoporosis by Modulating Osteoblasts Proliferation and Differentiation and Blood Vessels Formation in Bone. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 653724.	1.8	8
16	Establishment of bovine expanded potential stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	36
17	MFG-E8 regulated by miR-99b-5p protects against osteoarthritis by targeting chondrocyte senescence and macrophage reprogramming via the NF- $\kappa$ B pathway. <i>Cell Death and Disease</i> , 2021, 12, 533.	2.7	33
18	Fargesin ameliorates osteoarthritis via macrophage reprogramming by downregulating MAPK and NF- $\kappa$ B pathways. <i>Arthritis Research and Therapy</i> , 2021, 23, 142.	1.6	42

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19	Osteocytes regulate neutrophil development through IL-19: a potent cytokine for neutropenia treatment. <i>Blood</i> , 2021, 137, 3533-3547.	0.6	21
20	Vangl2 limits chaperone-mediated autophagy to balance osteogenic differentiation in mesenchymal stem cells. <i>Developmental Cell</i> , 2021, 56, 2103-2120.e9.	3.1	20
21	Tsc1 regulates tight junction independent of mTORC1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	6
22	Pinch Loss Ameliorates Obesity, Glucose Intolerance, and Fatty Liver by Modulating Adipocyte Apoptosis in Mice. <i>Diabetes</i> , 2021, 70, 2492-2505.	0.3	15
23	Sympathetic activity is correlated with satellite cell aging and myogenesis via $\beta_2$ -adrenoceptor. <i>Stem Cell Research and Therapy</i> , 2021, 12, 505.	2.4	3
24	Analysis of the mTOR Interactome using SILAC technology revealed NICE-4 as a novel regulator of mTORC1 activity. <i>Life Sciences</i> , 2021, 281, 119745.	2.0	1
25	Damaged brain accelerates bone healing by releasing small extracellular vesicles that target osteoprogenitors. <i>Nature Communications</i> , 2021, 12, 6043.	5.8	44
26	UBAP2L arginine methylation by PRMT1 modulates stress granule assembly. <i>Cell Death and Differentiation</i> , 2020, 27, 227-241.	5.0	59
27	MTORC1 coordinates the autophagy and apoptosis signaling in articular chondrocytes in osteoarthritic temporomandibular joint. <i>Autophagy</i> , 2020, 16, 271-288.	4.3	158
28	ETS2 promotes epithelial-to-mesenchymal transition in renal fibrosis by targeting JUNB transcription. <i>Laboratory Investigation</i> , 2020, 100, 438-453.	1.7	12
29	Magnesium oxide-crosslinked low-swelling citrate-based mussel-inspired tissue adhesives. <i>Biomaterials</i> , 2020, 232, 119719.	5.7	66
30	Interleukin 9 prevents immune thrombocytopenia in mice via JAK/STAT5 signaling. <i>Experimental Cell Research</i> , 2020, 388, 111801.	1.2	4
31	Loss of Fbxw7 in Sertoli cells impairs testis development and causes infertility in mice. <i>Biology of Reproduction</i> , 2020, 102, 963-974.	1.2	11
32	LIM domain proteins Pinch1/2 regulate chondrogenesis and bone mass in mice. <i>Bone Research</i> , 2020, 8, 37.	5.4	24
33	Acute EPA-induced learning and memory impairment in mice is prevented by DHA. <i>Nature Communications</i> , 2020, 11, 5465.	5.8	38
34	Association between proton pump inhibitors use and risk of hip fracture: A general population-based cohort study. <i>Bone</i> , 2020, 139, 115502.	1.4	9
35	Bone Composites: Citrate-Based Tannin-Bridged Bone Composites for Lumbar Fusion (Adv. Funct. Mater.) Tj ETQg1 1 0.784314 rgBT	7.8	13
36	High ratio of $\omega$ -3/ $\omega$ -6 polyunsaturated fatty acids targets mTORC1 to prevent high-fat diet-induced metabolic syndrome and mitochondrial dysfunction in mice. <i>Journal of Nutritional Biochemistry</i> , 2020, 79, 108330.	1.9	27

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37	Citrate-Based Tannin-Bridged Bone Composites for Lumbar Fusion. <i>Advanced Functional Materials</i> , 2020, 30, 2002438.	7.8	43
38	Mesenchymal Stem Cell-Specific and Preosteoblast-Specific Ablation of TSC1 in Mice Lead to Severe and Slight Spinal Dysplasia, Respectively. <i>BioMed Research International</i> , 2020, 2020, 1-7.	0.9	1
39	DEPTOR Prevents Osteoarthritis Development Via Interplay With TRC8 to Reduce Endoplasmic Reticulum Stress in Chondrocytes. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 400-411.	3.1	11
40	Rictor Is a Novel Regulator of TRAF6/TRAF3 in Osteoclasts. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 2053-2064.	3.1	7
41	Focal adhesion protein Kindlin-2 regulates bone homeostasis in mice. <i>Bone Research</i> , 2020, 8, 2.	5.4	50
42	Kindlin-2 modulates MafA and $\beta$ -catenin expression to regulate $\beta$ -cell function and mass in mice. <i>Nature Communications</i> , 2020, 11, 484.	5.8	38
43	A Bama miniature pig model of monoallelic TSC1 mutation for human tuberous sclerosis complex. <i>Journal of Genetics and Genomics</i> , 2020, 47, 735-742.	1.7	6
44	Chondrocyte mTORC1 activation stimulates miR-483-5p via HDAC4 in osteoarthritis progression. <i>Journal of Cellular Physiology</i> , 2019, 234, 2730-2740.	2.0	17
45	mTOR direct crosstalk with STAT5 promotes de novo lipid synthesis and induces hepatocellular carcinoma. <i>Cell Death and Disease</i> , 2019, 10, 619.	2.7	26
46	Biomaterial-Based Metabolic Regulation in Regenerative Engineering. <i>Advanced Science</i> , 2019, 6, 1900819.	5.6	39
47	Osteocyte TSC1 promotes sclerostin secretion to restrain osteogenesis in mice. <i>Open Biology</i> , 2019, 9, 180262.	1.5	15
48	Activation of mTORC1 in subchondral bone preosteoblasts promotes osteoarthritis by stimulating bone sclerosis and secretion of CXCL12. <i>Bone Research</i> , 2019, 7, 5.	5.4	63
49	N-(3-methoxybenzyl)-9Z,12Z,15Z-octadecatrienamamide promotes bone formation via the canonical Wnt/ $\beta$ -catenin signaling pathway. <i>Phytotherapy Research</i> , 2019, 33, 1074-1083.	2.8	9
50	Exosome Release Is Regulated by mTORC1. <i>Advanced Science</i> , 2019, 6, 1801313.	5.6	90
51	B-cell-specific peroxisome proliferator-activated receptor $\gamma$ deficiency augments contact hypersensitivity with impaired regulatory B cells. <i>Immunology</i> , 2019, 156, 282-296.	2.0	9
52	Lipoatrophy and metabolic disturbance in mice with adipose-specific deletion of kindlin-2. <i>JCI Insight</i> , 2019, 4, .	2.3	43
53	Focal adhesion proteins Pinch1 and Pinch2 regulate bone homeostasis in mice. <i>JCI Insight</i> , 2019, 4, .	2.3	28
54	Loss of DEPTOR in renal tubules protects against cisplatin-induced acute kidney injury. <i>Cell Death and Disease</i> , 2018, 9, 441.	2.7	13

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55	DEPTOR Deficiency-Mediated mTORc1 Hyperactivation in Vascular Endothelial Cells Promotes Angiogenesis. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 520-531.	1.1	20
56	TSC1 regulates osteoclast podosome organization and bone resorption through mTORC1 and Rac1/Cdc42. <i>Cell Death and Differentiation</i> , 2018, 25, 1549-1566.	5.0	24
57	Positive-Feedback Regulation of Subchondral H-Type Vessel Formation by Chondrocyte Promotes Osteoarthritis Development in Mice. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 909-920.	3.1	60
58	Tyrosine kinase Fyn promotes osteoarthritis by activating the $\beta$ -catenin pathway. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, annrheumdis-2017-212658.	0.5	48
59	Citrate-based materials fuel human stem cells by metabonegenic regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11741-E11750.	3.3	75
60	TSC1 deletion in fibroblasts alleviates lipopolysaccharide-induced acute kidney injury. <i>Clinical Science</i> , 2018, 132, 2087-2101.	1.8	4
61	Raptor directs Sertoli cell cytoskeletal organization and polarity in the mouse testis. <i>Biology of Reproduction</i> , 2018, 99, 1289-1302.	1.2	31
62	Colonic epithelial mTORC1 promotes ulcerative colitis through COX-2-mediated Th17 responses. <i>Mucosal Immunology</i> , 2018, 11, 1663-1673.	2.7	38
63	Citrate-Based Fluorescent Biomaterials. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800532.	3.9	51
64	Different Sex-Based Responses of Gut Microbiota During the Development of Hepatocellular Carcinoma in Liver-Specific Tsc1-Knockout Mice. <i>Frontiers in Microbiology</i> , 2018, 9, 1008.	1.5	52
65	Synovial macrophage M1 polarisation exacerbates experimental osteoarthritis partially through R-spondin-2. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1524-1534.	0.5	257
66	Inactivation of mTORC1 Signaling in Osterix-Expressing Cells Impairs B-cell Differentiation. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 732-742.	3.1	13
67	Bone and plasma citrate is reduced in osteoporosis. <i>Bone</i> , 2018, 114, 189-197.	1.4	41
68	Tuberous sclerosis complex-mediated mTORC1 overactivation promotes age-related hearing loss. <i>Journal of Clinical Investigation</i> , 2018, 128, 4938-4955.	3.9	55
69	Intra-articular Delivery of Antago-miR-483-5p Inhibits Osteoarthritis by Modulating Matrilin 3 and Tissue Inhibitor of Metalloproteinase 2. <i>Molecular Therapy</i> , 2017, 25, 715-727.	3.7	70
70	Osteoblasts support megakaryopoiesis through production of interleukin-9. <i>Blood</i> , 2017, 129, 3196-3209.	0.6	31
71	Neuronal mTORC1 Is Required for Maintaining the Nonreactive State of Astrocytes. <i>Journal of Biological Chemistry</i> , 2017, 292, 100-111.	1.6	20
72	mTORC1 Inhibits NF- $\kappa$ B/NFATc1 Signaling and Prevents Osteoclast Precursor Differentiation, In Vitro and In Mice. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1829-1840.	3.1	65

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73	Chondrocyte-Specific Knockout of TSC-1 Leads to Congenital Spinal Deformity in Mice. <i>BioMed Research International</i> , 2017, 2017, 1-7.	0.9	6
74	Endogenous Production of n-3 Polyunsaturated Fatty Acids Promotes Fracture Healing in Mice. <i>Journal of Healthcare Engineering</i> , 2017, 2017, 1-6.	1.1	4
75	Casticin attenuates liver fibrosis and hepatic stellate cell activation by blocking TGF- $\beta$ 2/Smad signaling pathway. <i>Oncotarget</i> , 2017, 8, 56267-56280.	0.8	44
76	Targeted Inhibition of Rictor/mTORC2 in Cancer Treatment: A New Era after Rapamycin. <i>Current Cancer Drug Targets</i> , 2016, 16, 288-304.	0.8	46
77	Endogenous n-3 Polyunsaturated Fatty Acids Attenuate T Cell-Mediated Hepatitis via Autophagy Activation. <i>Frontiers in Immunology</i> , 2016, 7, 350.	2.2	22
78	Tsc1 deficiency impairs mammary development in mice by suppression of AKT, nuclear ER $\alpha$ and cell-cycle-driving proteins. <i>Scientific Reports</i> , 2016, 6, 19587.	1.6	9
79	Osteoblasts secrete Cxcl9 to regulate angiogenesis in bone. <i>Nature Communications</i> , 2016, 7, 13885.	5.8	103
80	n-3 polyunsaturated fatty acids abrogate mTORC1/2 signaling and inhibit adrenocortical carcinoma growth in vitro and in vivo. <i>Oncology Reports</i> , 2016, 35, 3514-3522.	1.2	11
81	mTORC1 Activation Promotes Spermatogonial Differentiation and Causes Subfertility in Mice. <i>Biology of Reproduction</i> , 2016, 95, 97-97.	1.2	22
82	mTORC1 promotes aging-related venous thrombosis in mice via elevation of platelet volume and activation. <i>Blood</i> , 2016, 128, 615-624.	0.6	61
83	Loss of Rictor with aging in osteoblasts promotes age-related bone loss. <i>Cell Death and Disease</i> , 2016, 7, e2408-e2408.	2.7	45
84	mTOR Overactivation in Mesenchymal cells Aggravates CCl4 $\alpha$ Induced liver Fibrosis. <i>Scientific Reports</i> , 2016, 6, 36037.	1.6	21
85	mTORC1 regulates PTHrP to coordinate chondrocyte growth, proliferation and differentiation. <i>Nature Communications</i> , 2016, 7, 11151.	5.8	92
86	Activation of mTORC1 in B Lymphocytes Promotes Osteoclast Formation via Regulation of $\beta$ -Catenin and RANKL/OPG. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1320-1333.	3.1	36
87	Chondrocyte-Specific Ablation of <i>AMPK<math>\alpha</math>1</i> Does Not Affect Bone Development or Pathogenesis of Osteoarthritis in Mice. <i>Developmental Cell</i> , 2016, 35, 156-162.	0.9	16
88	Elevation of n-3/n-6 PUFAs ratio suppresses mTORC1 and prevents colorectal carcinogenesis associated with <i>APC</i> mutation. <i>Oncotarget</i> , 2016, 7, 76944-76954.	0.8	21
89	mTORC1 Prevents Preosteoblast Differentiation through the Notch Signaling Pathway. <i>PLoS Genetics</i> , 2015, 11, e1005426.	1.5	78
90	Rictor/mTORC2 Pathway in Oocytes Regulates Folliculogenesis, and Its Inactivation Causes Premature Ovarian Failure. <i>Journal of Biological Chemistry</i> , 2015, 290, 6387-6396.	1.6	58

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91	A fast degradable citrate-based bone scaffold promotes spinal fusion. Journal of Materials Chemistry B, 2015, 3, 5569-5576.	2.9	35
92	Enhancement of osteogenesis post-splenectomy does not attenuate bone loss in ovariectomized rats. Journal of Orthopaedic Research, 2015, 33, 1356-1363.	1.2	7
93	Low-dose arsenic trioxide combined with aclacinomycin A synergistically enhances the cytotoxic effect on human acute myelogenous leukemia cell lines by induction of apoptosis. Leukemia and Lymphoma, 2015, 56, 3159-3167.	0.6	5
94	mTORC2 promotes cell survival through c-Myc-dependent up-regulation of E2F1. Journal of Cell Biology, 2015, 211, 105-122.	2.3	33
95	Rictor Regulates Spermatogenesis by Controlling Sertoli Cell Cytoskeletal Organization and Cell Polarity in the Mouse Testis. Endocrinology, 2015, 156, 4244-4256.	1.4	38
96	Citrate-based biphasic scaffolds for the repair of large segmental bone defects. Journal of Biomedical Materials Research - Part A, 2015, 103, 772-781.	2.1	33
97	Development of injectable citrate-based bioadhesive bone implants. Journal of Materials Chemistry B, 2015, 3, 387-398.	2.9	55
98	mTORC2 promotes cell survival through c-Myc-dependent up-regulation of E2F1. Journal of Experimental Medicine, 2015, 212, 21211-21218.	4.2	0
99	miR-483-5p Promotes Invasion and Metastasis of Lung Adenocarcinoma by Targeting RhoGDI1 and ALCAM. Cancer Research, 2014, 74, 3031-3042.	0.4	145
100	Design Strategies and Applications of Citrate-Based Biodegradable Elastomeric Polymers. , 2014, , 259-285.		5
101	Biodegradable Polymers: Click Chemistry Plays a Dual Role in Biodegradable Polymer Design (Adv.) Tj ETQq1 1 0.784314 rgBT/Overlo	11.1	0
102	Acellular spinal cord scaffold seeded with bone marrow stromal cells protects tissue and promotes functional recovery in spinal cord-injured rats. Journal of Neuroscience Research, 2014, 92, 307-317.	1.3	36
103	Inhibition of Endometrial Cancer by n-3 Polyunsaturated Fatty Acids in Preclinical Models. Cancer Prevention Research, 2014, 7, 824-834.	0.7	25
104	Synthesis and characterization of biomimetic citrate-based biodegradable composites. Journal of Biomedical Materials Research - Part A, 2014, 102, 2521-2532.	2.1	60
105	Enhancement of the synthesis of n-3 PUFAs in fat-1 transgenic mice inhibits mTORC1 signalling and delays surgically induced osteoarthritis in comparison with wild-type mice. Annals of the Rheumatic Diseases, 2014, 73, 1719-1727.	0.5	65
106	Activation of mTORC1 in Collecting Ducts Causes Hyperkalemia. Journal of the American Society of Nephrology: JASN, 2014, 25, 534-545.	3.0	27
107	Fluorescence Imaging Enabled Biodegradable Photostable Polymeric Micelles. Advanced Healthcare Materials, 2014, 3, 182-186.	3.9	21
108	Click Chemistry Plays a Dual Role in Biodegradable Polymer Design. Advanced Materials, 2014, 26, 1906-1911.	11.1	66

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109	Targeted inhibition of mTORC2 prevents osteosarcoma cell migration and promotes apoptosis. <i>Oncology Reports</i> , 2014, 32, 382-388.	1.2	26
110	Endogenous n-3 polyunsaturated fatty acids protect against imiquimod-induced psoriasis-like inflammation via the IL-17/IL-23 axis. <i>Molecular Medicine Reports</i> , 2014, 9, 2097-2104.	1.1	67
111	Citric Acid-based Hydroxyapatite Composite Scaffolds Enhance Calvarial Regeneration. <i>Scientific Reports</i> , 2014, 4, 6912.	1.6	62
112	Synergistic Lethal Effects Between Gemcitabine and Arsenic Trioxide on Non-Hodgkin Lymphoma Cell Lines Is Associated with Modulation of PI3K/Akt Signaling Pathway. <i>Blood</i> , 2014, 124, 5306-5306.	0.6	0
113	Low-Dose Arsenic Trioxide Combined with Aclacinomycin a Synergistically Enhance the Cytotoxic Effect on Human Acute Myelogenous Leukemia KG-1a Cell Line By the Induction of Apoptosis. <i>Blood</i> , 2014, 124, 5303-5303.	0.6	0
114	Acellular spinal cord scaffold seeded with mesenchymal stem cells promotes long-distance axon regeneration and functional recovery in spinal cord injured rats. <i>Journal of the Neurological Sciences</i> , 2013, 325, 127-136.	0.3	72
115	Metformin inhibits renal cell carcinoma in vitro and in vivo xenograft. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2013, 31, 264-270.	0.8	87
116	Risedronate inhibits bone marrow mesenchymal stem cell adipogenesis and switches RANKL/OPG ratio to impair osteoclast differentiation. <i>Journal of Surgical Research</i> , 2013, 180, e21-e29.	0.8	16
117	Regulation of Mammalian Target of Rapamycin Complex 1 by Bcl-2 and Bcl-XL Proteins. <i>Journal of Biological Chemistry</i> , 2013, 288, 28824-28830.	1.6	17
118	Endogenous n 3 polyunsaturated fatty acids PUFAs mitigate ovariectomy-induced bone loss by attenuating bone marrow adipogenesis in FAT1 transgenic mice. <i>Drug Design, Development and Therapy</i> , 2013, 7, 545.	2.0	13
119	mTORC1 is a target of nordihydroguaiaretic acid to prevent breast tumor growth in vitro and in vivo. <i>Breast Cancer Research and Treatment</i> , 2012, 136, 379-388.	1.1	35
120	Targeting of mTORC2 prevents cell migration and promotes apoptosis in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2012, 134, 1057-1066.	1.1	68
121	Inhibition of mTOR signaling by oleanolic acid contributes to its anti-tumor activity in osteosarcoma cells. <i>Journal of Orthopaedic Research</i> , 2011, 29, 846-852.	1.2	66
122	Metformin stimulates osteoprotegerin and reduces RANKL expression in osteoblasts and ovariectomized rats. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 2902-2909.	1.2	172
123	Key factors in mTOR regulation. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 239-253.	2.4	111
124	Multi-mechanisms are involved in reactive oxygen species regulation of mTORC1 signaling. <i>Cellular Signalling</i> , 2010, 22, 1469-1476.	1.7	84
125	Rheb GTPase Controls Apoptosis by Regulating Interaction of FKBP38 with Bcl-2 and Bcl-XL. <i>Journal of Biological Chemistry</i> , 2010, 285, 8621-8627.	1.6	45
126	Hydrogen Peroxide Induces G <sub>2</sub> Cell Cycle Arrest and Inhibits Cell Proliferation in Osteoblasts. <i>Anatomical Record</i> , 2009, 292, 1107-1113.	0.8	70



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127	The Switch I Region of Rheb Is Critical for Its Interaction with FKBP38. <i>Journal of Biological Chemistry</i> , 2008, 283, 25963-25970.	1.6	51
128	Rheb Activates mTOR by Antagonizing Its Endogenous Inhibitor, FKBP38. <i>Science</i> , 2007, 318, 977-980.	6.0	350
129	Reactive Oxygen Species Stimulates Receptor Activator of NF- $\kappa$ B Ligand Expression in Osteoblast. <i>Journal of Biological Chemistry</i> , 2005, 280, 17497-17506.	1.6	274
130	Oxidative stress inhibits osteoblastic differentiation of bone cells by ERK and NF- $\kappa$ B. <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 197-207.	1.0	491
131	Phospholipase C- $\beta$ 1 is required for cell survival in oxidative stress by protein kinase C. <i>Biochemical Journal</i> , 2002, 363, 395.	1.7	32
132	Phospholipase C- $\beta$ 1 is required for cell survival in oxidative stress by protein kinase C. <i>Biochemical Journal</i> , 2002, 363, 395-401.	1.7	50
133	Deletion of <i>Rheb1</i> in Osteocytes Leads to Osteopenia Characterized by Reduced Bone Formation and Enhanced Bone Resorption. <i>Journal of Cell Biology</i> , 0, , .	0.9	0
134	Response to: Correspondence on "Mechanical overloading promotes chondrocyte senescence and osteoarthritis development through downregulating FBXW7" by Loeser <i>et al</i> . <i>Annals of the Rheumatic Diseases</i> , 0, , annrheumdis-2022-222710.	0.5	0