

Cory J Xian

List of Publications by Year in descending order

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190
papers

6,845
citations

50170

46
h-index

91712

69
g-index

196
all docs

196
docs citations

196
times ranked

8212
citing authors

#	ARTICLE	IF	CITATIONS
1	Notch2 Blockade Mitigates Methotrexate Chemotherapy-Induced Bone Loss and Marrow Adiposity. <i>Cells</i> , 2022, 11, 1521.	1.8	6
2	The interdependent relationship between the nitric oxide signaling pathway and primary cilia in pulse electromagnetic field-stimulated osteoblastic differentiation. <i>FASEB Journal</i> , 2022, 36, .	0.2	4
3	Wnt/Catenin signaling is important for osteogenesis and hematopoiesis recovery following methotrexate chemotherapy in rats. <i>Journal of Cellular Physiology</i> , 2021, 236, 3740-3751.	2.0	4
4	The immunoreactivity of polypseudorotaxane functionalized magnetic CDMNP-PEG-CD nanoparticles. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 561-574.	1.6	10
5	Roles of apoptotic chondrocyte-derived CXCL12 in the enhanced chondroclast recruitment following methotrexate and/or dexamethasone treatment. <i>Journal of Cellular Physiology</i> , 2021, 236, 5966-5979.	2.0	2
6	Temperature and force generation in surgical bone drilling. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	2
7	Enhanced BMP signalling causes growth plate cartilage dysrepair in rats. <i>Bone</i> , 2021, 145, 115874.	1.4	5
8	The frequency window effect of sinusoidal electromagnetic fields in promoting osteogenic differentiation and bone formation involves extension of osteoblastic primary cilia and activation of protein kinase A. <i>Cell Biology International</i> , 2021, 45, 1685-1697.	1.4	4
9	Roles of MicroRNAs in Osteogenesis or Adipogenesis Differentiation of Bone Marrow Stromal Progenitor Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7210.	1.8	17
10	Chemotherapy-Induced Intestinal Microbiota Dysbiosis Impairs Mucosal Homeostasis by Modulating Toll-like Receptor Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9474.	1.8	38
11	Differentially expressed miRNAs in bone after methotrexate treatment. <i>Journal of Cellular Physiology</i> , 2021, , .	2.0	5
12	miR-542-3p Attenuates Bone Loss and Marrow Adiposity Following Methotrexate Treatment by Targeting sFRP-1 and Smurf2. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10988.	1.8	5
13	Gentiopicroside promotes the osteogenesis of bone mesenchymal stem cells by modulation of Wnt/Catenin-BMP2 signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 10825-10836.	1.6	11
14	miR-6315 Attenuates Methotrexate Treatment-Induced Decreased Osteogenesis and Increased Adipogenesis Potentially through Modulating TGF- β 2/Smad2 Signalling. <i>Biomedicines</i> , 2021, 9, 1926.	1.4	3
15	Methotrexate treatment suppresses osteoblastic differentiation by inducing Notch2 signaling and blockade of Notch2 rescues osteogenesis by preserving Wnt/ β -catenin signaling. <i>Journal of Orthopaedic Research</i> , 2021, , .	1.2	2
16	Regular Supplementation With Resveratrol Improves Bone Mineral Density in Postmenopausal Women: A Randomized, Placebo-Controlled Trial. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 2121-2131.	3.1	59
17	Bmi deficiency causes oxidative stress and intervertebral disc degeneration which can be alleviated by antioxidant treatment. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 8950-8961.	1.6	14
18	A hybrid platform for three-dimensional printing of bone scaffold by combining thermal-extrusion and electrospinning methods. <i>Microsystem Technologies</i> , 2020, 26, 1847-1861.	1.2	4

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19	p16 deficiency attenuates intervertebral disc degeneration by adjusting oxidative stress and nucleus pulposus cell cycle. <i>ELife</i> , 2020, 9, .	2.8	106
20	Pulsed electromagnetic fields promote bone formation by activating the sACâ€“cAMPâ€“PKAâ€“CREB signaling pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 2807-2821.	2.0	28
21	An enhanced staining method K-B-2R staining for three-dimensional nerve reconstruction. <i>BMC Neuroscience</i> , 2019, 20, 32.	0.8	1
22	Calmodulinâ€“dependent signalling pathways are activated and mediate the acute inflammatory response of injured skeletal muscle. <i>Journal of Physiology</i> , 2019, 597, 5161-5177.	1.3	17
23	Opioids and matrix metalloproteinases: the influence of morphine on MMP-9 production and cancer progression. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 123-133.	1.4	15
24	Analyses of fracture line distribution in intra-articular distal radius fractures. <i>Radiologia Medica</i> , 2019, 124, 613-619.	4.7	14
25	Bone marrow sinusoidal endothelium as a facilitator/regulator of cell egress from the bone marrow. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 137, 43-56.	2.0	14
26	Icariin attenuates methotrexate chemotherapyâ€“induced bone marrow microvascular damage and bone loss in rats. <i>Journal of Cellular Physiology</i> , 2019, 234, 16549-16561.	2.0	7
27	Sinusoidal Electromagnetic Fields Increase Peak Bone Mass in Rats by Activating Wnt10b/Î²-Catenin in Primary Cilia of Osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1336-1351.	3.1	29
28	Computational Modeling of Bone Cells and Their Biomechanical Behaviors in Responses to Mechanical Stimuli. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2019, 29, 51-67.	0.4	5
29	<p>Hydrocortisone Suppresses Early Paraneoplastic Inflammation And Angiogenesis To Attenuate Early Hepatocellular Carcinoma Progression In Rats</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 9481-9493.	1.0	7
30	Methotrexate chemotherapyâ€“induced damages in bone marrow sinusoids: An in vivo and in vitro study. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 3220-3231.	1.2	13
31	Flavonoid genistein protects bone marrow sinusoidal blood vessels from damage by methotrexate therapy in rats. <i>Journal of Cellular Physiology</i> , 2019, 234, 11276-11286.	2.0	9
32	Critical limb ischemia: Current and novel therapeutic strategies. <i>Journal of Cellular Physiology</i> , 2019, 234, 14445-14459.	2.0	19
33	Aberrant expression of long noncoding RNA SNHG15 correlates with liver metastasis and poor survival in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 7032-7039.	2.0	47
34	Preparation of adriamycin gelatin microsphereâ€“loaded decellularized periosteum that is cytotoxic to human osteosarcoma cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 10771-10781.	2.0	7
35	Adiposeâ€“derived stem cells for wound healing. <i>Journal of Cellular Physiology</i> , 2019, 234, 7903-7914.	2.0	118
36	Associations between the cyclooxygenaseâ€“2 expression in circulating tumor cells and the clinicopathological features of patients with colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 4935-4941.	1.2	14

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37	Individual or combination treatments with lapatinib and paclitaxel cause potential bone loss and bone marrow adiposity in rats. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 4180-4191.	1.2	3
38	Determining Oxidative Damage by Lipid Peroxidation Assay in Rat Serum. <i>Bio-protocol</i> , 2019, 9, e3263.	0.2	18
39	High amplitude and low frequency cyclic mechanical strain promotes degeneration of human nucleus pulposus cells via the NF- κ B p65 pathway. <i>Journal of Cellular Physiology</i> , 2018, 233, 7206-7216.	2.0	19
40	The higher osteoprotective activity of psoralidin in vivo than coumestrol is attributed by its presence of an isopentenyl group and through activated PI3K/Akt axis. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 1015-1024.	2.5	24
41	MACF1 Overexpression by Transfecting the 21 kbp Large Plasmid PEGFP-C1A-ACF7 Promotes Osteoblast Differentiation and Bone Formation. <i>Human Gene Therapy</i> , 2018, 29, 259-270.	1.4	20
42	Blocking PI3K/AKT signaling inhibits bone sclerosis in subchondral bone and attenuates post-traumatic osteoarthritis. <i>Journal of Cellular Physiology</i> , 2018, 233, 6135-6147.	2.0	67
43	miR-542c3p prevents ovariectomy-induced osteoporosis in rats via targeting SFRP1. <i>Journal of Cellular Physiology</i> , 2018, 233, 6798-6806.	2.0	42
44	Chinese herbal medicines in the prevention and treatment of chemotherapy-induced nausea and vomiting. <i>Current Opinion in Supportive and Palliative Care</i> , 2018, 12, 174-180.	0.5	18
45	Leptin accelerates the pathogenesis of heterotopic ossification in rat tendon tissues via mTORC1 signaling. <i>Journal of Cellular Physiology</i> , 2018, 233, 1017-1028.	2.0	37
46	Promotion of cell growth and adhesion of a peptide hydrogel scaffold via mTOR/cadherin signaling. <i>Journal of Cellular Physiology</i> , 2018, 233, 822-829.	2.0	10
47	Roles of neurotrophins in skeletal tissue formation and healing. <i>Journal of Cellular Physiology</i> , 2018, 233, 2133-2145.	2.0	40
48	Microtubule actin crosslinking factor 1 promotes osteoblast differentiation by promoting β -catenin/TCF1/Runx2 signaling axis. <i>Journal of Cellular Physiology</i> , 2018, 233, 1574-1584.	2.0	47
49	Mechanical unloading reduces microtubule actin crosslinking factor 1 expression to inhibit β -catenin signaling and osteoblast proliferation. <i>Journal of Cellular Physiology</i> , 2018, 233, 5405-5419.	2.0	40
50	Pulsed electromagnetic fields prevented the decrease of bone formation in hindlimb-suspended rats by activating sAC/cAMP/PKA/CREB signaling pathway. <i>Bioelectromagnetics</i> , 2018, 39, 569-584.	0.9	11
51	Effects of Ginsenoside Rb1 on Expressions of Phosphorylation Akt/Phosphorylation mTOR/Phosphorylation PTEN in Artificial Abnormal Hippocampal Microenvironment in Rats. <i>Neurochemical Research</i> , 2018, 43, 1927-1937.	1.6	15
52	Total flavonoid extract of Epimedium herb increases the peak bone mass of young rats involving enhanced activation of the AC10/cAMP/PKA/CREB pathway. <i>Journal of Ethnopharmacology</i> , 2018, 223, 76-87.	2.0	24
53	Delayed development of ossification centers in the tibia of prenatal and early postnatal MPS VII mice. <i>Molecular Genetics and Metabolism</i> , 2018, 124, 135-142.	0.5	14
54	TGF- β 1 Overexpression in Breast Cancer Bone Metastasis and Primary Lesions and TGF- β 1 Enhancement of Expression of Pro-cancer Metastasis Cytokines in Bone Marrow Mesenchymal Stem Cells. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	12

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55	Computational Investigation on the Biomechanical Responses of the Osteocytes to the Compressive Stimulus: A Poroelastic Model. <i>BioMed Research International</i> , 2018, 2018, 1-16.	0.9	7
56	miR-142-5p in Bone Marrow-Derived Mesenchymal Stem Cells Promotes Osteoporosis Involving Targeting Adhesion Molecule VCAM-1 and Inhibiting Cell Migration. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	17
57	Long Chain Omega-3 Polyunsaturated Fatty Acid Supplementation Protects Against Adriamycin and Cyclophosphamide Chemotherapy-Induced Bone Marrow Damage in Female Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 484.	1.8	6
58	Tumor necrosis factor superfamily 15 promotes lymphatic metastasis via upregulation of vascular endothelial growth factor in a mouse model of lung cancer. <i>Cancer Science</i> , 2018, 109, 2469-2478.	1.7	17
59	Locally Produced IGF-1 Promotes Hypertrophy of the Ligamentum Flavum via the mTORC1 Signaling Pathway. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 293-303.	1.1	10
60	Osteoblast derived-neurotrophin-3 induces cartilage removal proteases and osteoclast-mediated function at injured growth plate in rats. <i>Bone</i> , 2018, 116, 232-247.	1.4	15
61	Adipose-derived stem cells seeded in Pluronic F-127 hydrogel promotes diabetic wound healing. <i>Journal of Surgical Research</i> , 2017, 217, 63-74.	0.8	87
62	Microgravity induces inhibition of osteoblastic differentiation and mineralization through abrogating primary cilia. <i>Scientific Reports</i> , 2017, 7, 1866.	1.6	42
63	Bone marrow sinusoidal endothelium: damage and potential regeneration following cancer radiotherapy or chemotherapy. <i>Angiogenesis</i> , 2017, 20, 427-442.	3.7	38
64	Childhood cancer chemotherapy-induced bone damage: pathobiology and protective effects of resveratrol and other nutraceuticals. <i>Annals of the New York Academy of Sciences</i> , 2017, 1403, 109-117.	1.8	16
65	Clinicopathological significance of glucose transporter protein-1 overexpression in human osteosarcoma. <i>Oncology Letters</i> , 2017, 14, 2439-2445.	0.8	12
66	The flavonol glycoside icariin promotes bone formation in growing rats by activating the cAMP signaling pathway in primary cilia of osteoblasts. <i>Journal of Biological Chemistry</i> , 2017, 292, 20883-20896.	1.6	56
67	Primary cilium is required for the stimulating effect of icaritin on osteogenic differentiation and mineralization of osteoblasts in vitro. <i>Journal of Endocrinological Investigation</i> , 2017, 40, 357-366.	1.8	8
68	Microengineered 3D cell-laden thermoresponsive hydrogels for mimicking cell morphology and orientation in cartilage tissue engineering. <i>Biotechnology and Bioengineering</i> , 2017, 114, 217-231.	1.7	61
69	Combination breast cancer chemotherapy with doxorubicin and cyclophosphamide damages bone and bone marrow in a female rat model. <i>Breast Cancer Research and Treatment</i> , 2017, 165, 41-51.	1.1	34
70	Effects of Resveratrol Supplementation on Methotrexate Chemotherapy-Induced Bone Loss. <i>Nutrients</i> , 2017, 9, 255.	1.7	18
71	FGF-2 Gene Polymorphism in Osteoporosis among Guangxi's Zhuang Chinese. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1358.	1.8	6
72	Effects of Frequency and Acceleration Amplitude on Osteoblast Mechanical Vibration Responses: A Finite Element Study. <i>BioMed Research International</i> , 2016, 2016, 1-16.	0.9	16

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73	Fibroblast Growth Factor Receptor 3 Deficiency Does Not Impair the Osteoanabolic Action of Parathyroid Hormone on Mice. <i>International Journal of Biological Sciences</i> , 2016, 12, 990-999.	2.6	8
74	A Possible Role of Intestinal Microbiota in the Pathogenesis of Ankylosing Spondylitis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2126.	1.8	40
75	<i>Dioscorea bulbifera</i> polysaccharide and cyclophosphamide combination enhances anti-cervical cancer effect and attenuates immunosuppression and oxidative stress in mice. <i>Scientific Reports</i> , 2016, 6, 19185.	1.6	42
76	Pulsed electromagnetic fields stimulate osteogenic differentiation and maturation of osteoblasts by upregulating the expression of BMPRII localized at the base of primary cilium. <i>Bone</i> , 2016, 93, 22-32.	1.4	60
77	Neurotrophin-3 Induces BMP-2 and VEGF Activities and Promotes the Bony Repair of Injured Growth Plate Cartilage and Bone in Rats. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1258-1274.	3.1	54
78	Sinusoidal electromagnetic fields promote bone formation and inhibit bone resorption in rat femoral tissues <i>in vitro</i> . <i>Electromagnetic Biology and Medicine</i> , 2016, 35, 75-83.	0.7	13
79	Steamed root of <i>Rehmannia glutinosa</i> Libosch (Plantaginaceae) alleviates methotrexate-induced intestinal mucositis in rats. <i>Journal of Ethnopharmacology</i> , 2016, 183, 143-150.	2.0	23
80	Combination chemotherapy with cyclophosphamide, epirubicin and 5-fluorouracil causes trabecular bone loss, bone marrow cell depletion and marrow adiposity in female rats. <i>Journal of Bone and Mineral Metabolism</i> , 2016, 34, 277-290.	1.3	32
81	Short-Term Hypoxia Accelerates Bone Loss in Ovariectomized Rats by Suppressing Osteoblastogenesis but Enhancing Osteoclastogenesis. <i>Medical Science Monitor</i> , 2016, 22, 2962-2971.	0.5	23
82	Low Night Temperature Affects the Phloem Ultrastructure of Lateral Branches and Raffinose Family Oligosaccharide (RFO) Accumulation in RFO-Transporting Plant Melon (<i>Cucumis melo</i> L.) during Fruit Expansion. <i>PLoS ONE</i> , 2016, 11, e0160909.	1.1	13
83	A study on protective performance of bullet-proof helmet under impact loading. <i>Journal of Vibroengineering</i> , 2016, 18, 2495-2507.	0.5	13
84	Dynamic analyses of osteoblast vibrational responses: a finite element viscoelastic model. <i>Journal of Vibroengineering</i> , 2016, 18, 4605-4616.	0.5	6
85	Three-dimensional Reconstruction of Peripheral Nerve Internal Fascicular Groups. <i>Scientific Reports</i> , 2015, 5, 17168.	1.6	20
86	Hydroxymethyl furfural in chinese herbal medicines: Its formation, presence, metabolism, bioactivities and implications. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2015, 12, 43.	0.3	10
87	Potential Effects of Phytoestrogen Genistein in Modulating Acute Methotrexate Chemotherapy-Induced Osteoclastogenesis and Bone Damage in Rats. <i>International Journal of Molecular Sciences</i> , 2015, 16, 18293-18311.	1.8	25
88	Identification of a New Marine Bacterial Strain SD8 and Optimization of Its Culture Conditions for Producing Alkaline Protease. <i>PLoS ONE</i> , 2015, 10, e0146067.	1.1	13
89	Strain Amplification Analysis of an Osteocyte under Static and Cyclic Loading: A Finite Element Study. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	20
90	Pulsed electromagnetic fields promote osteoblast mineralization and maturation needing the existence of primary cilia. <i>Molecular and Cellular Endocrinology</i> , 2015, 404, 132-140.	1.6	53

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91	Contact damage failure analyses of fretting wear behavior of the metal stem titanium alloy–bone cement interface. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 51, 132-146.	1.5	12
92	Methotrexate-Induced Bone Marrow Adiposity Is Mitigated by Folinic Acid Supplementation Through the Regulation of Wnt/ β -Catenin Signalling. <i>Journal of Cellular Physiology</i> , 2015, 230, 648-656.	2.0	14
93	Effects of pyrite bioleaching solution of <i>Acidithiobacillus ferrooxidans</i> on viability, differentiation and mineralization potentials of rat osteoblasts. <i>Archives of Pharmacal Research</i> , 2015, 38, 2228-2240.	2.7	7
94	Methotrexate chemotherapy triggers touch-evoked pain and increased CGRP-positive sensory fibres in the tibial periosteum of young rats. <i>Bone</i> , 2015, 73, 24-31.	1.4	4
95	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
96	Effects of Resveratrol Supplementation on Bone Growth in Young Rats and Microarchitecture and Remodeling in Ageing Rats. <i>Nutrients</i> , 2014, 6, 5871-5887.	1.7	35
97	RECENT RESEARCH ON THE GROWTH PLATE: Mechanisms for growth plate injury repair and potential cell-based therapies for regeneration. <i>Journal of Molecular Endocrinology</i> , 2014, 53, T45-T61.	1.1	47
98	The Importance of the Prenyl Group in the Activities of Osteon in Enhancing Bone Formation and Inhibiting Bone Resorption <i>In Vitro</i> . <i>International Journal of Endocrinology</i> , 2014, 2014, 1-16.	0.6	30
99	Effects of Maternal Hypoxia during Pregnancy on Bone Development in Offspring: A Guinea Pig Model. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-12.	0.6	8
100	Potential roles of metallothioneins I and II in protecting bone growth following acute methotrexate chemotherapy. <i>Journal of Chemotherapy</i> , 2014, 26, 37-48.	0.7	1
101	Icariin attenuates hypoxia-induced oxidative stress and apoptosis in osteoblasts and preserves their osteogenic differentiation potential <i>in vitro</i> . <i>Cell Proliferation</i> , 2014, 47, 527-539.	2.4	57
102	RECENT RESEARCH ON THE GROWTH PLATE: Regulation, bone growth defects, and potential treatments. <i>Journal of Molecular Endocrinology</i> , 2014, 53, E1-E2.	1.1	7
103	Fish oil in comparison to folinic acid for protection against adverse effects of methotrexate chemotherapy on bone. <i>Journal of Orthopaedic Research</i> , 2014, 32, 587-596.	1.2	13
104	Different electromagnetic field waveforms have different effects on proliferation, differentiation and mineralization of osteoblasts <i>in vitro</i> . <i>Bioelectromagnetics</i> , 2014, 35, 30-38.	0.9	37
105	Icariin stimulates the osteogenic differentiation of rat bone marrow stromal cells via activating the PI3K–AKT–eNOS–NO–cGMP–PKG. <i>Bone</i> , 2014, 66, 189-198.	1.4	102
106	Widespread Differential Maternal and Paternal Genome Effects on Fetal Bone Phenotype at Mid-Gestation. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 2392-2404.	3.1	10
107	The potential role of VEGF-induced vascularisation in the bony repair of injured growth plate cartilage. <i>Journal of Endocrinology</i> , 2014, 221, 63-75.	1.2	37
108	Functions and action mechanisms of flavonoids genistein and icariin in regulating bone remodeling. <i>Journal of Cellular Physiology</i> , 2013, 228, 513-521.	2.0	188

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109	Inhibition of protein kinase-D promotes cartilage repair at injured growth plate in rats. <i>Injury</i> , 2013, 44, 914-922.	0.7	9
110	Regulation of bone morphogenetic protein signalling and cranial osteogenesis by Gpc1 and Gpc3. <i>Bone</i> , 2013, 55, 367-376.	1.4	47
111	The Prenyl Group Contributes to Activities of Phytoestrogen 8-Prenynaringenin in Enhancing Bone Formation and Inhibiting Bone Resorption In Vitro. <i>Endocrinology</i> , 2013, 154, 1202-1214.	1.4	39
112	Roles of Wnt/ β -catenin signalling pathway in the bony repair of injured growth plate cartilage in young rats. <i>Bone</i> , 2013, 52, 651-658.	1.4	33
113	Icariin Induces Osteoblast Differentiation and Mineralization without Dexamethasone in Vitro. <i>Planta Medica</i> , 2013, 79, 1501-1508.	0.7	29
114	Osteoporosis. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-2.	0.6	2
115	Supplementation with Fish Oil and Genistein, Individually or in Combination, Protects Bone against the Adverse Effects of Methotrexate Chemotherapy in Rats. <i>PLoS ONE</i> , 2013, 8, e71592.	1.1	29
116	Preclinical Studies on Growth Plate Cartilage Regeneration Using Chondrocytes or Mesenchymal Stem Cells. , 2013, , 625-636.		0
117	Perinatal Maternal Dietary Supplementation of ω -3-Fatty Acids Transiently Affects Bone Marrow Microenvironment, Osteoblast and Osteoclast Formation, and Bone Mass in Male Offspring. <i>Endocrinology</i> , 2012, 153, 2455-2465.	1.4	27
118	Dietary emu oil supplementation suppresses 5-fluorouracil chemotherapy-induced inflammation, osteoclast formation, and bone loss. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1440-E1449.	1.8	35
119	Intermittent PTH (1-34) injection rescues the retarded skeletal development and postnatal lethality of mice mimicking human achondroplasia and thanatophoric dysplasia. <i>Human Molecular Genetics</i> , 2012, 21, 3941-3955.	1.4	45
120	Exploring thermal reversible hydrogels for stem cell expansion in three-dimensions. <i>Soft Matter</i> , 2012, 8, 7250.	1.2	31
121	A novel FGFR3-binding peptide inhibits FGFR3 signaling and reverses the lethal phenotype of mice mimicking human thanatophoric dysplasia. <i>Human Molecular Genetics</i> , 2012, 21, 5443-5455.	1.4	41
122	Methotrexate Chemotherapy Promotes Osteoclast Formation in the Long Bone of Rats via Increased Pro-Inflammatory Cytokines and Enhanced NF- κ B Activation. <i>American Journal of Pathology</i> , 2012, 181, 121-129.	1.9	50
123	Microarray expression analysis of genes and pathways involved in growth plate cartilage injury responses and bony repair. <i>Bone</i> , 2012, 50, 1081-1091.	1.4	52
124	Attenuated Wnt/ β -catenin signalling mediates methotrexate chemotherapy-induced bone loss and marrow adiposity in rats. <i>Bone</i> , 2012, 50, 1223-1233.	1.4	57
125	Role of FGFs/FGFRs in skeletal development and bone regeneration. <i>Journal of Cellular Physiology</i> , 2012, 227, 3731-3743.	2.0	129
126	The Influence of Therapeutic Radiation on the Patterns of Bone Marrow in Ovary-Intact and Ovariectomized Mice. <i>PLoS ONE</i> , 2012, 7, e42668.	1.1	26

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127	Prevention of Bone Growth Defects, Increased Bone Resorption and Marrow Adiposity with Folinic Acid in Rats Receiving Long-Term Methotrexate. <i>PLoS ONE</i> , 2012, 7, e46915.	1.1	37
128	The role of osteocyte apoptosis in cancer chemotherapy-induced bone loss. <i>Journal of Cellular Physiology</i> , 2012, 227, 2889-2897.	2.0	43
129	Deregulation of the CXCL12/CXCR4 axis in methotrexate chemotherapy-induced damage and recovery of the bone marrow microenvironment. <i>International Journal of Experimental Pathology</i> , 2012, 93, 104-114.	0.6	20
130	Methotrexate chemotherapy reduces osteogenesis but increases adipogenic potential in the bone marrow. <i>Journal of Cellular Physiology</i> , 2012, 227, 909-918.	2.0	76
131	Roles of EGF Family of Growth Factors in Growth: Overview of Their Roles in Postnatal Growth and Development. , 2012, , 2857-2870.		2
132	Regulatory pathways associated with bone loss and bone marrow adiposity caused by aging, chemotherapy, glucocorticoid therapy and radiotherapy. <i>American Journal of Stem Cells</i> , 2012, 1, 205-24.	0.4	62
133	Effects of 50Hz sinusoidal electromagnetic fields of different intensities on proliferation, differentiation and mineralization potentials of rat osteoblasts. <i>Bone</i> , 2011, 49, 753-761.	1.4	70
134	Structural and molecular analyses of bone bridge formation within the growth plate injury site and cartilage degeneration at the adjacent uninjured area. <i>Bone</i> , 2011, 49, 904-912.	1.4	22
135	Preclinical Studies on Mesenchymal Stem Cell-Based Therapy for Growth Plate Cartilage Injury Repair. <i>Stem Cells International</i> , 2011, 2011, 1-10.	1.2	28
136	Maternal Omega-3 Supplementation Increases Fat Mass in Male and Female Rat Offspring. <i>Frontiers in Genetics</i> , 2011, 2, 48.	1.1	33
137	Injury responses and repair mechanisms of the injured growth plate. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 117-125.	0.8	21
138	Icariin is more potent than genistein in promoting osteoblast differentiation and mineralization in vitro. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 916-923.	1.2	124
139	Methotrexate Toxicity in Growing Long Bones of Young Rats: A Model for Studying Cancer Chemotherapy-Induced Bone Growth Defects in Children. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-8.	3.0	31
140	Dietary zinc and metallothionein on small intestinal disaccharidases activity in mice. <i>World Journal of Gastroenterology</i> , 2011, 17, 354.	1.4	9
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