

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	Satellite-cell-derived nerve growth factor and neurotrophin-3 are involved in noradrenergic sprouting in the dorsal root ganglia following peripheral nerve injury in the rat. <i>European Journal of Neuroscience</i> , 1999, 11, 1711-1722.	1.2	202
2	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
3	Injured primary sensory neurons switch phenotype for brain-derived neurotrophic factor in the rat. <i>Neuroscience</i> , 1999, 92, 841-853.	1.1	148
4	Roles of Wnt signalling in bone growth, remodelling, skeletal disorders and fracture repair. <i>Journal of Cellular Physiology</i> , 2008, 215, 578-587.	2.0	142
5	Characterisation and developmental potential of ovine bone marrow derived mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2009, 219, 324-333.	2.0	132
6	Role of FGFs/FGFRs in skeletal development and bone regeneration. <i>Journal of Cellular Physiology</i> , 2012, 227, 3731-3743.	2.0	129
7	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
8	TNF- α Mediates p38 MAP Kinase Activation and Negatively Regulates Bone Formation at the Injured Growth Plate in Rats. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 1075-1088.	3.1	118
9	Adipose-derived stem cells for wound healing. <i>Journal of Cellular Physiology</i> , 2019, 234, 7903-7914.	2.0	118
10	Neurotrophins from dorsal root ganglia trigger allodynia after spinal nerve injury in rats. <i>European Journal of Neuroscience</i> , 2000, 12, 100-105.	1.2	115
11	p16 deficiency attenuates intervertebral disc degeneration by adjusting oxidative stress and nucleus pulposus cell cycle. <i>ELife</i> , 2020, 9, .	2.8	106
12	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
13	Endogenous BDNF is required for myelination and regeneration of injured sciatic nerve in rodents. <i>European Journal of Neuroscience</i> , 2000, 12, 4171-4180.	1.2	101
14	Roles of neutrophil-mediated inflammatory response in the bony repair of injured growth plate cartilage in young rats. <i>Journal of Leukocyte Biology</i> , 2006, 80, 1272-1280.	1.5	99
15	Growth Retardation, Duodenal Lesions, and Aberrant Ileum Architecture in Triple Null Mice Lacking EGF, Amphiregulin, and TGF- β . <i>Gastroenterology</i> , 2001, 121, 68-78.	0.6	95
16	Effect of Lumbar 5 Ventral Root Transection on Pain Behaviors: A Novel Rat Model for Neuropathic Pain without Axotomy of Primary Sensory Neurons. <i>Experimental Neurology</i> , 2002, 175, 23-34.	2.0	92
17	Intramembranous ossification mechanism for bone bridge formation at the growth plate cartilage injury site. <i>Journal of Orthopaedic Research</i> , 2004, 22, 417-426.	1.2	88
18	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

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19	Transforming Growth Factor- β Levels in Maternal Milk and Expression in Postnatal Rat Duodenum and Ileum. <i>Pediatric Research</i> , 1998, 44, 524-531.	1.1	85
20	Cellular mechanisms for methotrexate chemotherapy-induced bone growth defects. <i>Bone</i> , 2007, 41, 842-850.	1.4	83
21	Roles of transforming growth factor- β and related molecules in the nervous system. <i>Molecular Neurobiology</i> , 1999, 20, 157-183.	1.9	77
22	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
23	Roles of Epidermal Growth Factor Family in the Regulation of Postnatal Somatic Growth. <i>Endocrine Reviews</i> , 2007, 28, 284-296.	8.9	73
24	Heat Shock Protein-90 beta Is Expressed at the Surface of Multipotential Mesenchymal Precursor Cells: Generation of a Novel Monoclonal Antibody, STRO-4, With Specificity for Mesenchymal Precursor Cells From Human and Ovine Tissues. <i>Stem Cells and Development</i> , 2009, 18, 1253-1262.	1.1	70
25	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
26	Repair of Injured Articular and Growth Plate Cartilage Using Mesenchymal Stem Cells and Chondrogenic Gene Therapy. <i>Current Stem Cell Research and Therapy</i> , 2006, 1, 213-229.	0.6	69
27	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
28	Damaging effects of chronic low-dose methotrexate usage on primary bone formation in young rats and potential protective effects of folinic acid supplementary treatment. <i>Bone</i> , 2009, 44, 61-70.	1.4	66
29	Expression of proinflammatory cytokines and growth factors at the injured growth plate cartilage in young rats. <i>Bone</i> , 2004, 35, 1307-1315.	1.4	63
30	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
31	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
32	EGF family of growth factors: essential roles and functional redundancy in the nerve system. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 85.	3.0	60
33	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
34	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
35	Pre-treatment with insulin-like growth factor-I partially ameliorates 5-fluorouracil-induced intestinal mucositis in rats. <i>Growth Hormone and IGF Research</i> , 2005, 15, 72-82.	0.5	57
36	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

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37	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
38	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
39	Potential roles of growth factor PDGF-BB in the bony repair of injured growth plate. <i>Bone</i> , 2009, 44, 878-885.	1.4	55
40	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
41	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
42	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
43	Neuronal Glial Differential Expression of TGF- β and Its Receptor in the Dorsal Root Ganglia in Response to Sciatic Nerve Lesion. <i>Experimental Neurology</i> , 1999, 157, 317-326.	2.0	51
44	Lumbar 5 ventral root transection-induced upregulation of nerve growth factor in sensory neurons and their target tissues: a mechanism in neuropathic pain. <i>Molecular and Cellular Neurosciences</i> , 2003, 23, 232-250.	1.0	51
45	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
46	Application of Autologous Bone Marrow Derived Mesenchymal Stem Cells to an Ovine Model of Growth Plate Cartilage Injury. <i>The Open Orthopaedics Journal</i> , 2010, 4, 204-210.	0.1	50
47	Upregulation of brain-derived neurotrophic factor and neuropeptide Y in the dorsal ascending sensory pathway following sciatic nerve injury in rat. <i>Neuroscience Letters</i> , 1999, 260, 49-52.	1.0	48
48	Damage and recovery of the bone growth mechanism in young rats following 5-fluorouracil acute chemotherapy. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 1688-1704.	1.2	48
49	Interaction of dietary zinc and intracellular binding protein metallothionein in postnatal bone growth. <i>Bone</i> , 2009, 44, 1151-1162.	1.4	48
50	Regulation of bone morphogenetic protein signalling and cranial osteogenesis by Gpc1 and Gpc3. <i>Bone</i> , 2013, 55, 367-376.	1.4	47
51	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
52	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
53	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
54	Endogenous BDNF is required for myelination and regeneration of injured sciatic nerve in rodents. <i>European Journal of Neuroscience</i> , 2000, 12, 4171-4180.	1.2	47

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55	Damage and Recovery of the Bone Marrow Microenvironment Induced by Cancer Chemotherapy – Potential Regulatory Role of Chemokine CXCL12/Receptor CXCR4 Signalling. <i>Current Molecular Medicine</i> , 2010, 10, 440-453.	0.6	45
56	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
57	The role of osteocyte apoptosis in cancer chemotherapy-induced bone loss. <i>Journal of Cellular Physiology</i> , 2012, 227, 2889-2897.	2.0	43
58	Dioscorea bulbifera 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
59	Microgravity induces inhibition of osteoblastic differentiation and mineralization through abrogating primary cilia. <i>Scientific Reports</i> , 2017, 7, 1866.	1.6	42
60	miR-542a-3p prevents ovariectomy-induced osteoporosis in rats via targeting SFRP1. <i>Journal of Cellular Physiology</i> , 2018, 233, 6798-6806.	2.0	42
61	Folinic acid attenuates methotrexate chemotherapy-induced damages on bone growth mechanisms and pools of bone marrow stromal cells. <i>Journal of Cellular Physiology</i> , 2008, 214, 777-785.	2.0	41
62	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
63	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
64	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
65	Roles of neurotrophins in skeletal tissue formation and healing. <i>Journal of Cellular Physiology</i> , 2018, 233, 2133-2145.	2.0	40
66	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
67	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
68	Predisposition to Colonic Dysplasia is Unaffected by Continuous Administration of Insulin-like Growth Factor-1 for Twenty Weeks in a Rat Model of Chronic Inflammatory Bowel Disease. <i>Growth Factors</i> , 2000, 18, 119-133.	0.5	38
69	Bone marrow sinusoidal endothelium: damage and potential regeneration following cancer radiotherapy or chemotherapy. <i>Angiogenesis</i> , 2017, 20, 427-442.	3.7	38
70	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
71	Effects of acute 5-fluorouracil chemotherapy and insulin-like growth factor-I pretreatment on growth plate cartilage and metaphyseal bone in rats. <i>Bone</i> , 2004, 35, 739-749.	1.4	37
72	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

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73	Different electromagnetic field waveforms have different effects on proliferation, differentiation and mineralization of osteoblasts in vitro. <i>Bioelectromagnetics</i> , 2014, 35, 30-38.	0.9	37
74	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
75	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
76	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
77	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
78	Expression of Bone Morphogenic Proteins and Receptors at the Injured Growth Plate Cartilage in Young Rats. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 945-954.	1.3	34
79	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
80	Maternal Omega-3 Supplementation Increases Fat Mass in Male and Female Rat Offspring. <i>Frontiers in Genetics</i> , 2011, 2, 48.	1.1	33
81	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
82	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
83	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
84	Exploring thermal reversible hydrogels for stem cell expansion in three-dimensions. <i>Soft Matter</i> , 2012, 8, 7250.	1.2	31
85	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
86	Effects of etoposide and cyclophosphamide acute chemotherapy on growth plate and metaphyseal bone in rats. <i>Cancer Biology and Therapy</i> , 2007, 6, 170-177.	1.5	29
87	Icariin Induces Osteoblast Differentiation and Mineralization without Dexamethasone in Vitro. <i>Planta Medica</i> , 2013, 79, 1501-1508.	0.7	29
88	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
89	Sinusoidal Electromagnetic Fields Increase Peak Bone Mass in Rats by Activating Wnt10b/ β -Catenin in Primary Cilia of Osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1336-1351.	3.1	29
90	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

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91	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
92	Upregulation of brain-derived neurotrophic factor in the sensory pathway by selective motor nerve injury in adult rats. <i>Neurotoxicity Research</i> , 2006, 9, 269-283.	1.3	27
93	Perinatal Maternal Dietary Supplementation of Î³-3-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
94	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
95	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
96	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
97	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
98	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
99	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
100	Lack of Effects of Transforming Growth Factor-Î± Gene Knockout on Peripheral Nerve Regeneration May Result from Compensatory Mechanisms. <i>Experimental Neurology</i> , 2001, 172, 182-188.	2.0	22
101	Effects of TGF-Î² gene knockout on epithelial cell kinetics and repair of methotrexate-induced damage in mouse small intestine. <i>Journal of Cellular Physiology</i> , 2002, 191, 105-115.	2.0	22
102	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
103	Distribution of neurturin mRNA and immunoreactivity in the peripheral tissues of adult rats. <i>Brain Research</i> , 1999, 835, 247-258.	1.1	21
104	Injury responses and repair mechanisms of the injured growth plate. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 117-125.	0.8	21
105	Roles of Growth Factors in Chemotherapy-Induced Intestinal Mucosal Damage Repair. <i>Current Pharmaceutical Biotechnology</i> , 2003, 4, 260-269.	0.9	21
106	Treating skeletal pain: limitations of conventional anti-inflammatory drugs, and anti-neurotrophic factor as a possible alternative. <i>Nature Clinical Practice Rheumatology</i> , 2009, 5, 92-98.	3.2	20
107	Deregulation of the CXCL12/CXCR4 axis in methotrexate chemotherapyâ€“induced damage and recovery of the bone marrow microenvironment. <i>International Journal of Experimental Pathology</i> , 2012, 93, 104-114.	0.6	20
108	Three-dimensional Reconstruction of Peripheral Nerve Internal Fascicular Groups. <i>Scientific Reports</i> , 2015, 5, 17168.	1.6	20

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109	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
110	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
111	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
112	Critical limb ischemia: Current and novel therapeutic strategies. <i>Journal of Cellular Physiology</i> , 2019, 234, 14445-14459.	2.0	19
113	Effects of Resveratrol Supplementation on Methotrexate-Induced Bone Loss. <i>Nutrients</i> , 2017, 9, 255.	1.7	18
114	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
115	Determining Oxidative Damage by Lipid Peroxidation Assay in Rat Serum. <i>Bio-protocol</i> , 2019, 9, e3263.	0.2	18
116	Preconditioning selective ventral root injury promotes plasticity of ascending sensory neurons in the injured spinal cord of adult rats – possible roles of brain-derived neurotrophic factor, TrkB and p75 neurotrophin receptor. <i>European Journal of Neuroscience</i> , 2009, 30, 1280-1296.	1.2	17
117	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
118	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
119	Calmodulin-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
120	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
121	Specificity of the Localization of Transforming Growth Factor- β Immunoreactivity in Colon Mucosa. <i>Journal of Histochemistry and Cytochemistry</i> , 1999, 47, 949-957.	1.3	16
122	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
123	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
124	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
125	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
126	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

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127	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
128	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
129	Analyses of fracture line distribution in intra-articular distal radius fractures. <i>Radiologia Medica</i> , 2019, 124, 613-619.	4.7	14
130	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
131	Associations between the cyclooxygenase-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
132	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
133	Expression of B7 costimulatory molecules by cells infiltrating the colon in experimental colitis induced by oral dextran sulfate sodium in the mouse. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2001, 16, 1228-1234.	1.4	13
134	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
135	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
136	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
137	Methotrexate chemotherapy-induced damages in bone marrow sinusoids: An <i>in vivo</i> and <i>in vitro</i> study. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 3220-3231.	1.2	13
138	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
139	A study on protective performance of bullet-proof helmet under impact loading. <i>Journal of Vibroengineering</i> , 2016, 18, 2495-2507.	0.5	13
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