

Marc D Grynnpas

List of Publications by Year in descending order

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141
papers

6,737
citations

53794

45
h-index

69250

77
g-index

143
all docs

143
docs citations

143
times ranked

7589
citing authors

#	ARTICLE	IF	CITATIONS
1	Randall's plaque of patients with nephrolithiasis begins in basement membranes of thin loops of Henle. <i>Journal of Clinical Investigation</i> , 2003, 111, 607-616.	8.2	503
2	Natural graft tissues and synthetic biomaterials for periodontal and alveolar bone reconstructive applications: a review. <i>Biomaterials Research</i> , 2017, 21, 9.	6.9	246
3	Macrophages Promote Osteoblastic Differentiation In Vivo: Implications in Fracture Repair and Bone Homeostasis. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1090-1102.	2.8	245
4	Mesenchymal progenitor self-renewal deficiency leads to age-dependent osteoporosis in Sca-1/Ly-6A null mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5840-5845.	7.1	230
5	Relationships between Polyphosphate Chemistry, Biochemistry and Apatite Biomineralization. <i>Chemical Reviews</i> , 2008, 108, 4694-4715.	47.7	196
6	β -2-HS Glycoprotein/Fetuin, a Transforming Growth Factor- β /Bone Morphogenetic Protein Antagonist, Regulates Postnatal Bone Growth and Remodeling. <i>Journal of Biological Chemistry</i> , 2002, 277, 19991-19997.	3.4	194
7	Genetic Regulation of Cortical and Trabecular Bone Strength and Microstructure in Inbred Strains of Mice. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 1126-1131.	2.8	181
8	Control of Vertebrate Skeletal Mineralization by Polyphosphates. <i>PLoS ONE</i> , 2009, 4, e5634.	2.5	172
9	Long-term intermittent shear deformation improves the quality of cartilaginous tissue formed in vitro. <i>Journal of Orthopaedic Research</i> , 2003, 21, 590-596.	2.3	158
10	Crystal-associated nephropathy in patients with brushite nephrolithiasis. <i>Kidney International</i> , 2005, 67, 576-591.	5.2	154
11	Recent studies of bone mineral: Is the amorphous calcium phosphate theory valid?. <i>Journal of Crystal Growth</i> , 1981, 53, 100-119.	1.5	151
12	Long-Term Intermittent Compressive Stimulation Improves the Composition and Mechanical Properties of Tissue-Engineered Cartilage. <i>Tissue Engineering</i> , 2004, 10, 1323-1331.	4.6	132
13	Identifying the Relative Contributions of Rac1 and Rac2 to Osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 260-270.	2.8	120
14	Vanadium and diabetes. <i>Molecular and Cellular Biochemistry</i> , 1998, 188, 73-80.	3.1	107
15	Failure to detect an amorphous calcium-phosphate solid phase in bone mineral: A radial distribution function study. <i>Calcified Tissue International</i> , 1984, 36, 291-301.	3.1	106
16	Calcium oxalate stone formation in genetic hypercalciuric stone-forming rats. <i>Kidney International</i> , 2002, 61, 975-987.	5.2	97
17	Tissue mineralization is increased following 1-year treatment with high doses of bisphosphonates in dogs. <i>Bone</i> , 2003, 33, 960-969.	2.9	93
18	Journal of Bone and Mineral Research. <i>Journal of Bone and Mineral Research</i> , 1990, 5, S169-S175.	2.8	88

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19	The use of specific chondrocyte populations to modulate the properties of tissue-engineered cartilage. <i>Journal of Orthopaedic Research</i> , 2003, 21, 132-138.	2.3	87
20	Macrophage cells secrete factors including LRP1 that orchestrate the rejuvenation of bone repair in mice. <i>Nature Communications</i> , 2018, 9, 5191.	12.8	87
21	Tissue Engineered Nucleus Pulposus Tissue Formed on a Porous Calcium Polyphosphate Substrate. <i>Spine</i> , 2004, 29, 1299-1306.	2.0	86
22	The effects of glucosamine hydrochloride on subchondral bone changes in an animal model of osteoarthritis. <i>Arthritis and Rheumatism</i> , 2007, 56, 1537-1548.	6.7	85
23	Absence of the proapoptotic Bax protein extends fertility and alleviates age-related health complications in female mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5229-5234.	7.1	83
24	A Comparison of the Physical and Chemical Differences Between Cancellous and Cortical Bovine Bone Mineral at Two Ages. <i>Calcified Tissue International</i> , 2008, 83, 146-154.	3.1	83
25	Fluoride effects on bone formation and mineralization are influenced by genetics. <i>Bone</i> , 2008, 43, 1067-1074.	2.9	81
26	Stone formation in genetic hypercalciuric rats. <i>Kidney International</i> , 1995, 48, 1705-1713.	5.2	79
27	Crystals in calcified epiphyseal cartilage and cortical bone of the rat. <i>Calcified Tissue International</i> , 1988, 43, 219-225.	3.1	77
28	Bone quantity and quality in past populations. <i>The Anatomical Record</i> , 1996, 246, 423-432.	1.8	71
29	Bone mineral density, osteopenia, and osteoporosis in the rhesus macaques of Cayo Santiago. <i>American Journal of Physical Anthropology</i> , 2000, 113, 389-410.	2.1	71
30	Cellular and matrix changes before and at the time of calcification in the growth plate studied in vitro: Arrest of type X collagen synthesis and net loss of collagen when calcification is initiated. <i>Journal of Bone and Mineral Research</i> , 1994, 9, 1077-1087.	2.8	71
31	Bone embrittlement and collagen modifications due to high-dose gamma-irradiation sterilization. <i>Bone</i> , 2014, 61, 71-81.	2.9	69
32	A Review of Phosphate Mineral Nucleation in Biology and Geobiology. <i>Calcified Tissue International</i> , 2013, 93, 382-396.	3.1	67
33	Systemic Mesenchymal Stromal Cell Transplantation Prevents Functional Bone Loss in a Mouse Model of Age-Related Osteoporosis. <i>Stem Cells Translational Medicine</i> , 2016, 5, 683-693.	3.3	67
34	3BP2-deficient mice are osteoporotic with impaired osteoblast and osteoclast functions. <i>Journal of Clinical Investigation</i> , 2011, 121, 3244-3257.	8.2	67
35	Non-Apatitic Environments in Bone Mineral: FT-IR Detection, Biological Properties and Changes in Several Disease States. <i>Connective Tissue Research</i> , 1989, 21, 267-273.	2.3	64
36	Filamin A regulates monocyte migration through Rho small GTPases during osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1077-1091.	2.8	64

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37	Reciprocal stabilization of ABL and TAZ regulates osteoblastogenesis through transcription factor RUNX2. <i>Journal of Clinical Investigation</i> , 2016, 126, 4482-4496.	8.2	60
38	Induction of collagen mineralization by a bone sialoprotein-decorin chimeric protein. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 55, 496-502.	3.1	59
39	First Mouse Model for Combined Osteogenesis Imperfecta and Ehlers-Danlos Syndrome. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 1412-1423.	2.8	58
40	Composition of cartilagenous tissue with mineralized and non-mineralized zones formed in vitro. <i>Biomaterials</i> , 1997, 18, 1425-1431.	11.4	54
41	Fluoride reduces the rate of dissolution of bone. <i>Bone and Mineral</i> , 1988, 5, 1-9.	1.9	52
42	Bone mineral and glycosaminoglycans in newborn and mature rabbits. <i>Journal of Bone and Mineral Research</i> , 1988, 3, 159-164.	2.8	51
43	Effect of Potassium Citrate on Calcium Phosphate Stones in a Model of Hypercalciuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 3001-3008.	6.1	49
44	Effect of synthetic calcium pyrophosphate and hydroxyapatite crystals on the interaction of human blood mononuclear cells with chondrocytes, synovial cells, and fibroblasts. <i>Arthritis and Rheumatism</i> , 1987, 30, 1372-1381.	6.7	47
45	Metabolic homeostasis and tissue renewal are dependent on $\hat{1}^2$ 1,6GlcNAc-branched N-glycans. <i>Glycobiology</i> , 2007, 17, 828-837.	2.5	47
46	Shwachmanâ€™Diamond syndrome is associated with low-turnover osteoporosis. <i>Bone</i> , 2007, 41, 965-972.	2.9	45
47	The incorporation of a zone of calcified cartilage improves the interfacial shear strength between in vitro-formed cartilage and the underlying substrate. <i>Acta Biomaterialia</i> , 2012, 8, 1603-1615.	8.3	45
48	In vitro non-enzymatic ribation reduces post-yield strain accommodation in cortical bone. <i>Bone</i> , 2013, 52, 611-622.	2.9	45
49	Structure, Composition, and Maturation of Newly Deposited Calcium-Phosphate Crystals in Chicken Osteoblast Cell Cultures. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 1301-1309.	2.8	43
50	Effect of acidosis on urine supersaturation and stone formation in genetic hypercalciuric stone-forming rats. <i>Kidney International</i> , 2001, 59, 1415-1423.	5.2	41
51	Characterization of nucleus pulposus-like tissue formed in vitro. <i>Journal of Orthopaedic Research</i> , 2001, 19, 1078-1084.	2.3	40
52	Increased dietary oxalate does not increase urinary calcium oxalate saturation in hypercalciuric rats. <i>Kidney International</i> , 1999, 55, 602-612.	5.2	39
53	Collagen Modifications in Postmenopausal Osteoporosis: Advanced Glycation Endproducts May Affect Bone Volume, Structure and Quality. <i>Current Osteoporosis Reports</i> , 2014, 12, 329-337.	3.6	38
54	Effect of age and osteoarthritis on bone mineral in rhesus monkey vertebrae. <i>Journal of Bone and Mineral Research</i> , 1993, 8, 909-917.	2.8	37

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55	Ubiquitin ligase RNF146 coordinates bone dynamics and energy metabolism. <i>Journal of Clinical Investigation</i> , 2017, 127, 2612-2625.	8.2	37
56	Effect of Rosiglitazone on Bone Quality in a Rat Model of Insulin Resistance and Osteoporosis. <i>Diabetes</i> , 2011, 60, 3271-3278.	0.6	34
57	Effect of glycosaminoglycans on calcium pyrophosphate crystal formation in collagen gels. <i>Calcified Tissue International</i> , 1987, 41, 164-170.	3.1	32
58	The longterm effect of ovariectomy on the quality and quantity of cortical bone in the young cynomolgus monkey: A comparison of density fractionation and histomorphometric techniques. <i>Bone</i> , 1993, 14, 389-395.	2.9	32
59	The effects of diet, age, and sex on the mineral content of primate bones. <i>Calcified Tissue International</i> , 1993, 52, 399-405.	3.1	31
60	Nephrolithiasis and nephrocalcinosis in rats with small bowel resection. <i>Urological Research</i> , 2005, 33, 105-115.	1.5	31
61	Targeting therapeutics to bone by conjugation with bisphosphonates. <i>Current Opinion in Pharmacology</i> , 2018, 40, 87-94.	3.5	31
62	RANKL coordinates multiple osteoclastogenic pathways by regulating expression of ubiquitin ligase RNF146. <i>Journal of Clinical Investigation</i> , 2017, 127, 1303-1315.	8.2	31
63	Longitudinal Analysis of Mesenchymal Progenitors and Bone Quality in the Stem Cell Antigen-1-Null Osteoporotic Mouse. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1373-1386.	2.8	30
64	Genetic Hypercalciuric Stone-Forming Rats Have a Primary Decrease in BMD and Strength. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 1420-1426.	2.8	30
65	Failure to detect crystalline brushite in embryonic chick and bovine bone by X-ray diffraction. <i>Journal of Ultrastructure Research</i> , 1984, 86, 93-99.	1.1	29
66	Treatment with eldecalcitol positively affects mineralization, microdamage, and collagen crosslinks in primate bone. <i>Bone</i> , 2015, 73, 8-15.	2.9	29
67	Adynamic Bone Decreases Bone Toughness During Aging by Affecting Mineral and Matrix. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 369-379.	2.8	28
68	Calcery and calciphylaxis: Timed appearance of \hat{I}^3 -carboxyglutamic acid and osteocalcin in mineral deposits. <i>Calcified Tissue International</i> , 1983, 35, 555-561.	3.1	27
69	Characterization of the Mineral in Calcified Articular Cartilagenous Tissue Formedin Vitro. <i>Tissue Engineering</i> , 1999, 5, 25-34.	4.6	25
70	Sequential analysis of kidney stone formation in the Aprt knockout mouse. <i>Kidney International</i> , 2001, 60, 910-923.	5.2	24
71	On shear properties of trabecular bone under torsional loading: Effects of bone marrow and strain rate. <i>Journal of Biomechanics</i> , 2007, 40, 2898-2903.	2.1	24
72	Chlorthalidone improves vertebral bone quality in genetic hypercalciuric stone-forming rats. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1904-1912.	2.8	24

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73	Parental Diabetes: The Akita Mouse as a Model of the Effects of Maternal and Paternal Hyperglycemia in Wildtype Offspring. PLoS ONE, 2012, 7, e50210.	2.5	24
74	Evaluating the effects of mixed osteolytic/osteoblastic metastasis on vertebral bone quality in a new rat model. Journal of Orthopaedic Research, 2012, 30, 817-823.	2.3	23
75	The G60S connexin 43 mutation activates the osteoblast lineage and results in a resorption-stimulating bone matrix and abrogation of old-age-related bone loss. Journal of Bone and Mineral Research, 2013, 28, 2400-2413.	2.8	23
76	Novel EP4 Receptor Agonist-Bisphosphonate Conjugate Drug (C1) Promotes Bone Formation and Improves Vertebral Mechanical Properties in the Ovariectomized Rat Model of Postmenopausal Bone Loss. Journal of Bone and Mineral Research, 2015, 30, 670-680.	2.8	23
77	Fluoride's effect on human dentin ultrasound velocity (elastic modulus) and tubule size. European Journal of Oral Sciences, 2006, 114, 83-88.	1.5	22
78	Positive effects of bisphosphonates on bone and muscle in a mouse model of Duchenne muscular dystrophy. Neuromuscular Disorders, 2016, 26, 73-84.	0.6	22
79	Three-dimensional packing of collagen in bone. Nature, 1977, 265, 381-382.	27.8	18
80	Calcification of cartilage formed in vitro on calcium polyphosphate bone substitutes is regulated by inorganic polyphosphate. Acta Biomaterialia, 2010, 6, 3302-3309.	8.3	18
81	Effects of radiation and surgery on healing of femoral fractures in a rat model. Journal of Orthopaedic Research, 2013, 31, 1323-1331.	2.3	18
82	Polymeric crystallization and condensation of calcium polyphosphate glass. Materials Research Bulletin, 2008, 43, 68-80.	5.2	17
83	B cell acute lymphoblastic leukemia cells mediate RANK-RANKL-dependent bone destruction. Science Translational Medicine, 2020, 12, .	12.4	17
84	Sex differences in long bone fatigue using a rat model. Journal of Orthopaedic Research, 2006, 24, 1926-1932.	2.3	16
85	Development of a novel method for the strengthening and toughening of irradiation-sterilized bone allografts. Cell and Tissue Banking, 2017, 18, 323-334.	1.1	16
86	Lumbar vertebral density and mechanical properties in aged ovariectomized rats treated with estrogen and norethindrone or norgestimate. American Journal of Obstetrics and Gynecology, 1995, 173, 1491-1498.	1.3	15
87	Bone quality in animal models of osteoporosis. Drug Development Research, 2000, 49, 146-158.	2.9	15
88	Spaceflight affects bone formation in rhesus monkeys: a histological and cell culture study. Journal of Applied Physiology, 2002, 93, 1047-1056.	2.5	15
89	Polyphosphates Affect Biological Apatite Nucleation. Cells Tissues Organs, 2011, 194, 171-175.	2.3	15
90	A 3D scanning confocal imaging method measures pit volume and captures the role of Rac in osteoclast function. Bone, 2012, 51, 145-152.	2.9	15

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91	1,25(OH)2D3 Induces a Mineralization Defect and Loss of Bone Mineral Density in Genetic Hypercalciuric Stone-Forming Rats. <i>Calcified Tissue International</i> , 2014, 94, 531-543.	3.1	15
92	Bone histomorphometric changes in children with rheumatic disorders on chronic glucocorticoids. <i>Pediatric Rheumatology</i> , 2016, 14, 58.	2.1	15
93	Calcium polyphosphate particulates for bone void filler applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 874-884.	3.4	15
94	The incorporation of fluoride and strontium in hydroxyapatite affects the composition, structure, and mechanical properties of human cortical bone. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 433-442.	4.0	15
95	Intermittent PTH treatment improves bone and muscle in glucocorticoid treated Mdx mice: A model of Duchenne Muscular Dystrophy. <i>Bone</i> , 2019, 121, 232-242.	2.9	15
96	Ontogenetic changes to bone microstructure in an archaeologically derived sample of human ribs. <i>Journal of Anatomy</i> , 2020, 236, 448-462.	1.5	14
97	Relationship Among MRTA, DXA, and QUS. <i>Journal of Clinical Densitometry</i> , 2004, 7, 448-456.	1.2	13
98	Long-term effects of castration on the skeleton of male rhesus monkeys (<i>Macaca mulatta</i>). <i>American Journal of Primatology</i> , 2016, 78, 152-166.	1.7	13
99	Annulus fibrosus cells can induce mineralization: an in vitro study. <i>Spine Journal</i> , 2013, 13, 443-453.	1.3	12
100	Sex-specific patterns in cortical and trabecular bone microstructure in the Kirsten Skeletal Collection, South Africa. <i>American Journal of Human Biology</i> , 2018, 30, e23108.	1.6	12
101	Increased Rates of Vitamin D Insufficiency in Boys With Duchenne Muscular Dystrophy Despite Higher Vitamin D ₃ Supplementation. <i>Global Pediatric Health</i> , 2019, 6, 2333794X1983566.	0.7	12
102	Changes in bone fatigue resistance due to collagen degradation. <i>Journal of Orthopaedic Research</i> , 2011, 29, 197-203.	2.3	11
103	Chlorthalidone Is Superior to Potassium Citrate in Reducing Calcium Phosphate Stones and Increasing Bone Quality in Hypercalciuric Stone-Forming Rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1163-1173.	6.1	11
104	A nonradioactive method for detecting phosphates and polyphosphates separated by PAGE. <i>Electrophoresis</i> , 2007, 28, 2808-2811.	2.4	10
105	The fatigue resistance of rabbit tibiae varies with age from youth to middle age. <i>Osteoporosis International</i> , 2011, 22, 1157-1165.	3.1	10
106	Phenotypic Variation of Fluoride Responses between Inbred Strains of Mice. <i>Cells Tissues Organs</i> , 2011, 194, 261-267.	2.3	10
107	Growth Hormone Increases Bone Toughness and Decreases Muscle Inflammation in Glucocorticoid-Treated Mdx Mice, Model of Duchenne Muscular Dystrophy. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1473-1486.	2.8	10
108	Fracture surface analysis to understand the failure mechanisms of collagen degraded bone. <i>Journal of Bone and Mineral Metabolism</i> , 2011, 29, 359-368.	2.7	9

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109	Reduced trabecular bone mass and strength in mice overexpressing $G\hat{\pm}11$ protein in cells of the osteoblast lineage. <i>Bone</i> , 2014, 59, 211-222.	2.9	9
110	Bone Marrow Stress Decreases Osteogenic Progenitors. <i>Calcified Tissue International</i> , 2015, 97, 476-486.	3.1	9
111	The Lyme Disease Pathogen <i>Borrelia burgdorferi</i> Infects Murine Bone and Induces Trabecular Bone Loss. <i>Infection and Immunity</i> , 2017, 85, .	2.2	9
112	Disease modifying effects of N-butyryl glucosamine in a streptococcal cell wall induced arthritis model in rats. <i>Journal of Rheumatology</i> , 2007, 34, 712-20.	2.0	9
113	Development, validation and characterization of a novel mouse model of Adynamic Bone Disease (ABD). <i>Bone</i> , 2014, 68, 57-66.	2.9	8
114	Prophylactic pamidronate partially protects from glucocorticoid-induced bone loss in the mdx mouse model of Duchenne muscular dystrophy. <i>Bone</i> , 2016, 90, 168-180.	2.9	8
115	Overexpression of $G\hat{\pm}S$ in Murine Osteoblasts In Vivo Leads to Increased Bone Mass and Decreased Bone Quality. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 2171-2181.	2.8	8
116	In Vivo Bone Effects of a Novel Bisphosphonateâ€P4a Conjugate Drug (C3) for Reversing Osteoporotic Bone Loss in an Ovariectomized Rat Model. <i>JBMR Plus</i> , 2019, 3, e10237.	2.7	8
117	Achieving enhanced bone regeneration using monetite granules with bone anabolic drug conjugates (C3 and C6) in rat mandibular defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 2670-2680.	3.4	8
118	Use of backscattered scanning electron microscopy to quantify the bone tissues of midâ€thoracic human ribs. <i>American Journal of Physical Anthropology</i> , 2019, 168, 262-278.	2.1	7
119	Chlorthalidone with potassium citrate decreases calcium oxalate stones and increases bone quality in genetic hypercalciuric stone-forming rats. <i>Kidney International</i> , 2021, 99, 1118-1126.	5.2	6
120	Long-Term Intermittent Compressive Stimulation Improves the Composition and Mechanical Properties of Tissue-Engineered Cartilage. <i>Tissue Engineering</i> , 2004, 10, 1323-1331.	4.6	6
121	Identification of Candidate Gene Regions in the Rat by Co-Localization of QTLs for Bone Density, Size, Structure and Strength. <i>PLoS ONE</i> , 2011, 6, e22462.	2.5	5
122	Can OP-1 stimulate union in a rat model of pathological fracture post treatment for soft tissue sarcoma?. <i>Journal of Orthopaedic Research</i> , 2014, 32, 1252-1263.	2.3	5
123	Phase transformations during processing and in vitro degradation of porous calcium polyphosphates. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 117.	3.6	5
124	Overexpression of $G\hat{\pm}11$ in Osteoblast Lineage Cells Suppresses the Osteoanabolic Response to Intermittent PTH and Exercise. <i>Calcified Tissue International</i> , 2016, 99, 423-434.	3.1	5
125	Effect of 25-HydroxyVitamin D Deficiency and Its Interaction with Prednisone Treatment on Musculoskeletal Health in Growing Mdx Mice. <i>Calcified Tissue International</i> , 2018, 103, 311-323.	3.1	5
126	Crystal and molecular structures of the 3?-acetoxy and 3?-benzoxy derivatives of ?-amyrin. <i>Journal of Crystal and Molecular Structure</i> , 1979, 9, 199-217.	0.4	3

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127	Elevated C11orf11 expression in osteoblast lineage cells promotes osteoclastogenesis and leads to enhanced trabecular bone accrual in response to pamidronate. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E811-E820.	3.5	3
128	The CRH α Transgenic Cushingoid Mouse Is a Model of Glucocorticoid α Induced Osteoporosis. JBMR Plus, 2017, 1, 46-57.	2.7	3
129	Ribose pre-treatment can protect the fatigue life of ^{137}Cs -irradiation sterilized bone. Cell and Tissue Banking, 2019, 20, 287-295.	1.1	3
130	RANK-RANKL Mediated Bone Destruction in B-Cell Acute Lymphoblastic Leukemia. Blood, 2016, 128, 908-908.	1.4	3
131	Hypocalcaemia and a low cardiac output after intravenous codeine phosphate injection: need for an additional mechanism to remove ionized calcium. CKJ: Clinical Kidney Journal, 2009, 2, 401-404.	2.9	2
132	The effect of ribose pre-treatment of cortical bone on ^{137}Cs -irradiation sterilization effectiveness. Cell and Tissue Banking, 2017, 18, 555-560.	1.1	2
133	Low Sodium Diet Decreases Stone Formation in Genetic Hypercalciuric Stone-Forming Rats. Nephron, 2019, 142, 147-158.	1.8	2
134	Pre-treatment with Pamidronate Improves Bone Mechanical Properties in Mdx Mice Treated with Glucocorticoids. Calcified Tissue International, 2019, 104, 182-192.	3.1	2
135	Increased osteoblast C11orf11 level determines bone response to hyperparathyroidism in female mice. Journal of Endocrinology, 2022, 254, 13-26.	2.6	2
136	New Insights into the Mechanisms of Biomineralization. Calcified Tissue International, 2013, 93, 297-298.	3.1	1
137	Improved bone regeneration using bone anabolic drug conjugates (C3 and C6) with deproteinized bovine bone mineral as a carrier in rat mandibular defects. Journal of Periodontology, 2020, 91, 1521-1531.	3.4	1
138	Inorganic Polyphosphate in Tissue Engineering. , 2016, , 217-239.		0
139	Pre α clinical evaluation of bone allograft toughened with a novel sterilization method: An in vivo rabbit study. Journal of Orthopaedic Research, 2019, 37, 832-844.	2.3	0
140	SAT-392 The Role of β -arrestin2 in Bone Catabolic Response to Hyperparathyroidism In Vivo. Journal of the Endocrine Society, 2020, 4, .	0.2	0
141	Parametric Finite Element Study of a Vertebra: Effect of Cortical Shell Geometry. , 1998, , .		0