Reinhold G Erben

List of Publications by Year
in descending order

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172 papers	9,105 citations	38720 50 h-index	46771 89 g-index

178 all docs	178 docs citations	178 times ranked	10118 citing authors

#	Article	IF	Citations
1	Homozygous ablation of fibroblast growth factor-23 results in hyperphosphatemia and impaired skeletogenesis, and reverses hypophosphatemia in Phex-deficient mice. Matrix Biology, 2004, 23, 421-432.	1.5	481
2	Impaired insulin secretory capacity in mice lacking a functional vitamin D receptor. FASEB Journal, 2003, 17, 1-14.	0.2	360
3	Embedding of Bone Samples in Methylmethacrylate: An Improved Method Suitable for Bone Histomorphometry, Histochemistry, and Immunohistochemistry. Journal of Histochemistry and Cytochemistry, 1997, 45, 307-313.	1.3	288
4	<scp>FGF</scp>23 regulates renal sodium handling and blood pressure. EMBO Molecular Medicine, 2014, 6, 744-759.	3.3	275
5	Deletion of Deoxyribonucleic Acid Binding Domain of the Vitamin D Receptor Abrogates Genomic and Nongenomic Functions of Vitamin D. Molecular Endocrinology, 2002, 16, 1524-1537.	3.7	267
6	The Kidney Is the Principal Organ Mediating Klotho Effects. Journal of the American Society of Nephrology: JASN, 2014, 25, 2169-2175.	3.0	238
7	Effect of surface finish on the osseointegration of laser-treated titanium alloy implants. Biomaterials, 2004, 25, 4057-4064.	5.7	206
8	Vitamin D Is a Regulator of Endothelial Nitric Oxide Synthase and Arterial Stiffness in Mice. Molecular Endocrinology, 2014, 28, 53-64.	3.7	204
9	In-vivo generation of bone via endochondral ossification by in-vitro chondrogenic priming of adult human and rat mesenchymal stem cells. BMC Musculoskeletal Disorders, 2011, 12, 31.	0.8	194
10	FGF23 acts directly on renal proximal tubules to induce phosphaturia through activation of the ERK1/2â€“SGK1 signaling pathway. Bone, 2012, 51, 621-628.	1.4	176
11	Ablation of vitamin D signaling rescues bone, mineral, and glucose homeostasis in Fgf-23 deficient mice. Matrix Biology, 2007, 26, 75-84.	1.5	175
12	Trabecular and endocortical bone surfaces in the rat: Modeling or remodeling?. , 1996, 246, 39-46.		174
13	Estrogen-dependent and C-C chemokine receptor-2â€“dependent pathways determine osteoclast behavior in osteoporosis. Nature Medicine, 2009, 15, 417-424.	15.2	170
14	Genetic Evidence of Serum Phosphate-Independent Functions of FGF-23 on Bone. PLoS Genetics, 2008, 4, e1000154.	1.5	159
15	FGF23 promotes renal calcium reabsorption through the TRPV5 channel. EMBO Journal, 2014, 33, n/a-n/a.	3.5	159
16	Circulating Fibroblast Growth Factor-23 Is Associated With Fat Mass and Dyslipidemia in Two Independent Cohorts of Elderly Individuals. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 219-227.	1.1	152
17	Estrogen Regulates Bone Turnover by Targeting RANKL Expression in Bone Lining Cells. Scientific Reports, 2017, 7, 6460.	1.6	150
18	Cartilage repair: past and future â€“ lessons for regenerative medicine. Journal of Cellular and Molecular Medicine, 2009, 13, 792-810.	1.6	142

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19	NADPH oxidase 4 limits bone mass by promoting osteoclastogenesis. Journal of Clinical Investigation, 2013, 123, 4731-4738.	3.9	142
20	Genetic Ablation of Vitamin D Activation Pathway Reverses Biochemical and Skeletal Anomalies in Fgf-23-Null Animals. American Journal of Pathology, 2006, 169, 2161-2170.	1.9	139
21	Inhibition of Receptor Activator of NF-Î°B Ligand by Denosumab Attenuates Vascular Calcium Deposition in Mice. American Journal of Pathology, 2009, 175, 473-478.	1.9	138
22	Androgen Deficiency Induces High Turnover Osteopenia in Aged Male Rats: A Sequential Histomorphometric Study. Journal of Bone and Mineral Research, 2000, 15, 1085-1098.	3.1	132
23	Vitamin D and Cardiovascular Disease, with Emphasis on Hypertension, Atherosclerosis, and Heart Failure. International Journal of Molecular Sciences, 2020, 21, 6483.	1.8	128
24	FGF23 Regulates Bone Mineralization in a 1,25(OH)2D3 and Klotho-Independent Manner. Journal of Bone and Mineral Research, 2016, 31, 129-142.	3.1	122
25	FGF23-Klotho signaling axis in the kidney. Bone, 2017, 100, 62-68.	1.4	122
26	Prevention of glucocorticoidâ€induced bone loss in mice by inhibition of RANKL. Arthritis and Rheumatism, 2009, 60, 1427-1437.	6.7	121
27	Gene Structure and Regulation of the Murine Epithelial Calcium Channels ECaC1 and 2. Biochemical and Biophysical Research Communications, 2001, 289, 1287-1294.	1.0	118
28	Local MicroRNA Modulation Using a Novel Anti-miR-21â€“Eluting Stent Effectively Prevents Experimental In-Stent Restenosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1945-1953.	1.1	109
29	EBF2 Regulates Osteoblast-Dependent Differentiation of Osteoclasts. Developmental Cell, 2005, 9, 757-767.	3.1	107
30	Skeletal Effects of Zinc Deficiency in Growing Rats. Journal of Trace Elements in Medicine and Biology, 1999, 13, 21-26.	1.5	102
31	Excessive Osteocytic Fgf23 Secretion Contributes to Pyrophosphate Accumulation and Mineralization Defect in Hyp Mice. PLoS Biology, 2016, 14, e1002427.	2.6	98
32	Physiological Actions of Fibroblast Growth Factor-23. Frontiers in Endocrinology, 2018, 9, 267.	1.5	96
33	Update on FGF23 and Klotho signaling. Molecular and Cellular Endocrinology, 2016, 432, 56-65.	1.6	92
34	Short-Term Treatment of Rats with High Dose 1,25-Dihydroxyvitamin D3 Stimulates Bone Formation and Increases the Number of Osteoblast Precursor Cells in Bone Marrow*. Endocrinology, 1997, 138, 4629-4635.	1.4	78
35	Increased Osteopontin Contributes to Inhibition of Bone Mineralization in FGF23-Deficient Mice. Journal of Bone and Mineral Research, 2014, 29, 693-704.	3.1	76
36	Experimental Myocardial Infarction Upregulates Circulating Fibroblast Growth Factor-23. Journal of Bone and Mineral Research, 2015, 30, 1831-1839.	3.1	76

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37	Testosterone Prevents Orchidectomy-Induced Bone Loss in Estrogen Receptor-Î± Knockout Mice. Biochemical and Biophysical Research Communications, 2001, 285, 70-76.	1.0	75
38	The EGFR network in bone biology and pathology. Trends in Endocrinology and Metabolism, 2009, 20, 517-524.	3.1	75
39	Detrimental effect of oral contraceptives on parameters of bone mass and geometry in a cohort of 248 young women. Bone, 2007, 40, 444-450.	1.4	70
40	Deletion of Deoxyribonucleic Acid Binding Domain of the Vitamin D Receptor Abrogates Genomic and Nongenomic Functions of Vitamin D. Molecular Endocrinology, 2002, 16, 1524-1537.	3.7	69
41	Role of the Androgen Receptor in Skeletal Homeostasis: The Androgen-Resistant Testicular Feminized Male Mouse Model. Journal of Bone and Mineral Research, 2004, 19, 1462-1470.	3.1	64
42	Postnatal Establishment of Allelic GÎ±s Silencing as a Plausible Explanation for Delayed Onset of Parathyroid Hormone Resistance Owing to Heterozygous GÎ±s Disruption. Journal of Bone and Mineral Research, 2014, 29, 749-760.	3.1	64
43	Transcript-activated collagen matrix as sustained mRNA delivery system for bone regeneration. Journal of Controlled Release, 2016, 239, 137-148.	4.8	63
44	Intra-articularly injected mesenchymal stem cells promote cartilage regeneration, but do not permanently engraft in distant organs. Scientific Reports, 2019, 9, 10153.	1.6	62
45	Enhancer and super-enhancer dynamics in repair after ischemic acute kidney injury. Nature Communications, 2020, 11, 3383.	5.8	61
46	Roux-en-Y Gastric Bypass Surgery But Not Vertical Sleeve Gastrectomy Decreases Bone Mass in Male Rats. Endocrinology, 2013, 154, 2015-2024.	1.4	60
47	Overexpression of Human PHEX Under the Human Î²-Actin Promoter Does Not Fully Rescue the Hyp Mouse Phenotype. Journal of Bone and Mineral Research, 2005, 20, 1149-1160.	3.1	59
48	Parathyroid hormone 1 receptor is essential to induce FGF23 production and maintain systemic mineral ion homeostasis. FASEB Journal, 2016, 30, 428-440.	0.2	59
49	Therapeutic Efficacy of 1Î±,25-Dihydroxyvitamin D₃and Calcium in Osteopenic Ovariectomized Rats: Evidence for a Direct Anabolic Effect of 1Î±,25-Dihydroxyvitamin D₃on Bone¹. Endocrinology, 1998, 139, 4319-4328.	1.4	57
50	Prevention of Bone Loss in Ovariectomized Rats by Combined Treatment With Risedronate and 1Î±,25-Dihydroxyvitamin D3. Journal of Bone and Mineral Research, 2002, 17, 1498-1511.	3.1	57
51	The expression of UCP3 directly correlates to UCP1 abundance in brown adipose tissue. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 72-78.	0.5	57
52	Amelioration of the premature ageingâ€like features of Fgfâ€23 knockout mice by genetically restoring the systemic actions of FGFâ€23. Journal of Pathology, 2008, 216, 345-355.	2.1	55
53	FGF-23/Klotho signaling is not essential for the phosphaturic and anabolic functions of PTH. Journal of Bone and Mineral Research, 2011, 26, 2026-2035.	3.1	51
54	Cortical Bone Loss in Androgen-Deficient Aged Male Rats Is Mainly Caused by Increased Endocortical Bone Remodeling. Journal of Bone and Mineral Research, 2008, 23, 694-704.	3.1	50

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55	Long-Term Fgf23 Deficiency Does Not Influence Aging, Glucose Homeostasis, or Fat Metabolism in Mice with a Nonfunctioning Vitamin D Receptor. Endocrinology, 2012, 153, 1795-1805.	1.4	50
56	Klotho Lacks a Vitamin D Independent Physiological Role in Glucose Homeostasis, Bone Turnover, and Steady-State PTH Secretion In Vivo. PLoS ONE, 2012, 7, e31376.	1.1	49
57	Genetic Ablation of Fgf23 or Klotho Does not Modulate Experimental Heart Hypertrophy Induced by Pressure Overload. Scientific Reports, 2017, 7, 11298.	1.6	48
58	Age at first oral contraceptive use as a major determinant of vertebral bone mass in female endurance athletes. Bone, 2004, 35, 836-841.	1.4	46
59	Histomorphometry in Rodents. Methods in Molecular Biology, 2012, 816, 279-303.	0.4	44
60	Osteopenia following Total Gastrectomy in the Rat – State of Mineral Metabolism and Bone Histomorphometry. European Surgical Research, 1997, 29, 209-221.	0.6	42
61	Postnatally Elevated Levels of Insulin-Like Growth Factor (IGF)-II Fail to Rescue the Dwarfism of IGF-I-Deficient Mice except Kidney Weight. Endocrinology, 2007, 148, 441-451.	1.4	41
62	Orchiectomy upregulates free soluble RANKL in bone marrow of aged rats. Bone, 2009, 45, 677-681.	1.4	41
63	Deletion of PTH Rescues Skeletal Abnormalities and High Osteopontin Levels in Klothoâ^'/â^' Mice. PLoS Genetics, 2012, 8, e1002726.	1.5	41
64	Vitamin D metabolites prevent vertebral osteopenia in ovariectomized rats. Calcified Tissue International, 1992, 50, 228-236.	1.5	40
65	Regulation of bone mass and osteoclast function depend on the F-actin modulator SWAP-70. Journal of Bone and Mineral Research, 2012, 27, 2085-2096.	3.1	40
66	Pleiotropic Actions of FGF23. Toxicologic Pathology, 2017, 45, 904-910.	0.9	40
67	Klotho expression in long bones regulates FGF23 production during renal failure. FASEB Journal, 2017, 31, 2050-2064.	0.2	39
68	Gastric Fundectomy in the Rat: Effects on Mineral and Bone Metabolism, with Emphasis on the Gastrinâ€"Calcitoninâ€"Parathyroid Hormoneâ€"Vitamin D Axis. Calcified Tissue International, 1998, 63, 433-441.	1.5	38
69	Differences in triglyceride and cholesterol metabolism and resistance to obesity in male and female vitamin D receptor knockout mice. Journal of Animal Physiology and Animal Nutrition, 2013, 97, 675-683.	1.0	37
70	Fgf23 and parathyroid hormone signaling interact in kidney and bone. Molecular and Cellular Endocrinology, 2016, 436, 224-239.	1.6	36
71	Mice lacking the orphan receptor ror1 have distinct skeletal abnormalities and are growth retarded. Developmental Dynamics, 2010, 239, 2266-2277.	0.8	35
72	Impact of Long-Term Exposure to the Tyrosine Kinase Inhibitor Imatinib on the Skeleton of Growing Rats. PLoS ONE, 2015, 10, e0131192.	1.1	35

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73	Nephrocalcinosis and hyperlipidemia in rats fed a cholesterol- and fat-rich diet: association with hyperoxaluria, altered kidney and bone minerals, and renal tissue phospholipid-calcium interaction. Urological Research, 2000, 28, 404-415.	1.5	34
74	High Cortical Bone Mass Phenotype in Betacellulin Transgenic Mice Is EGFR Dependent. Journal of Bone and Mineral Research, 2009, 24, 455-467.	3.1	34
75	Ovariectomy augments B lymphopoiesis and generation of monocyte-macrophage precursors in rat bone marrow. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E476-E483.	1.8	33
76	FGF23 neutralization improves bone quality and osseointegration of titanium implants in chronic kidney disease mice. Scientific Reports, 2015, 5, 8304.	1.6	33
77	Randomized Trial of Etelcalcetide for Cardiac Hypertrophy in Hemodialysis. Circulation Research, 2021, 128, 1616-1625.	2.0	33
78	Vitamin D endocrine system and osteocytes. BoneKEy Reports, 2014, 3, 494.	2.7	31
79	Acute Parathyroid Hormone Injection Increases C-Terminal but Not Intact Fibroblast Growth Factor 23 Levels. Endocrinology, 2017, 158, 1130-1139.	1.4	31
80	Klotho Lacks an FGF23-Independent Role in Mineral Homeostasis. Journal of Bone and Mineral Research, 2017, 32, 2049-2061.	3.1	31
81	Î²1 Integrins Mediate Attachment of Mesenchymal Stem Cells to Cartilage Lesions. BioResearch Open Access, 2015, 4, 39-53.	2.6	29
82	Potential of Resveratrol Analogues as Antagonists of Osteoclasts and Promoters of Osteoblasts. Calcified Tissue International, 2010, 87, 437-449.	1.5	28
83	1Î±-Hydroxyvitamin D2 and 1Î±-hydroxyvitamin D3 have anabolic effects on cortical bone, but induce intracortical remodeling at toxic doses in ovariectomized rats. Bone, 2004, 35, 704-710.	1.4	27
84	Transgenic Overexpression of the Extra-Large GsÎ± Variant XLÎ±s Enhances GsÎ±-Mediated Responses in the Mouse Renal Proximal Tubule in Vivo. Endocrinology, 2011, 152, 1222-1233.	1.4	27
85	PTH Ablation Ameliorates the Anomalies of Fgf23-Deficient Mice by Suppressing the Elevated Vitamin D and Calcium Levels. Endocrinology, 2011, 152, 4053-4061.	1.4	27
86	White Paper on How to Go Forward with Cell-Based Advanced Therapies in Europe. Tissue Engineering - Part A, 2014, 20, 2549-2554.	1.6	27
87	Skeletal Effects of Low-Dose Cyclosporin A in Aged Male Rats: Lack of Relationship to Serum Testosterone Levels. Journal of Bone and Mineral Research, 1998, 13, 79-87.	3.1	26
88	Comparison of the skeletal effects of the progestogens desogestrel and levonorgestrel in oral contraceptive preparations in young women: controlled, open, partly randomized investigation over 13 cycles. Contraception, 2006, 74, 367-375.	0.8	26
89	Tracking mesenchymal stem cell contributions to regeneration in an immunocompetent cartilage regeneration model. JCI Insight, 2017, 2, .	2.3	26
90	Influence of pores created by laser superfinishing on osseointegration of titanium alloy implants. Journal of Biomedical Materials Research - Part A, 2004, 69A, 444-453.	2.1	25

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91	1Î±-Hydroxyvitamin D2 Partially Dissociates Between Preservation of Cancellous Bone Mass and Effects on Calcium Homeostasis in Ovariectomized Rats. Calcified Tissue International, 1997, 60, 449-456.	1.5	24
92	Skeletal Effects of Cyclosporin A Are Gender Related in Rats. Endocrinology, 2003, 144, 40-49.	1.4	24
93	Sustained Inhibition of Îµ Protein Kinase C Inhibits Vascular Restenosis After Balloon Injury and Stenting. Circulation, 2010, 122, S170-8.	1.6	24
94	1Î±-Hydroxyvitamin D2 Is Less Toxic but Not Bone Selective Relative to 1Î±-Hydroxyvitamin D3 in Ovariectomized Rats. Journal of Bone and Mineral Research, 2001, 16, 639-651.	3.1	23
95	FGF23 regulation of renal tubular solute transport. Current Opinion in Nephrology and Hypertension, 2015, 24, 450-456.	1.0	23
96	Introducing the first polymer-free leflunomide eluting stent. Atherosclerosis, 2008, 200, 126-134.	0.4	22
97	Hypothesis: Coupling between Resorption and Formation in Cancellous bone Remodeling is a Mechanically Controlled Event. Frontiers in Endocrinology, 2015, 6, 82.	1.5	22
98	Î±-KlothoÊ¼s effects on mineral homeostasis are fibroblast growth factor-23 dependent. Current Opinion in Nephrology and Hypertension, 2018, 27, 229-235.	1.0	21
99	B Lymphopoiesis is Upregulated after Orchiectomy and is Correlated with Estradiol but not Testosterone Serum Levels in Aged Male Rats. Hormone and Metabolic Research, 2001, 33, 491-498.	0.7	20
100	Role of endogenous bone marrow cells in longâ€term repair mechanisms after myocardial infarction. Journal of Cellular and Molecular Medicine, 2008, 12, 2867-2874.	1.6	20
101	Prophylactic Effects of 1,24,25-Trihydroxyvitamin D3 on Ovariectomy-Induced Cancellous Bone Loss in the Rat. Calcified Tissue International, 1997, 60, 434-440.	1.5	19
102	Partial Rescue of PTH/PTHrP Receptor Knockout Mice by Targeted Expression of the Jansen Transgene. Endocrinology, 2001, 142, 5303-5310.	1.4	18
103	Long-Term Parenteral Administration of 2-Hydroxypropyl-Î²-Cyclodextrin Causes Bone Loss. Toxicologic Pathology, 2012, 40, 742-750.	0.9	17
104	Augmented Fibroblast Growth Factor-23 Secretion in Bone Locally Contributes to Impaired Bone Mineralization in Chronic Kidney Disease in Mice. Frontiers in Endocrinology, 2018, 9, 311.	1.5	17
105	Ovariectomy Does not Alter CD4+/CD8+ Ratio in Peripheral Blood T-Lymphocytes in the Rat. Hormone and Metabolic Research, 1998, 30, 50-54.	0.7	16
106	Onset and Dynamics of Osteosclerosis in Mice Induced by Reilly-Finkel-Biskis (RFB) Murine Leukemia Virus. American Journal of Pathology, 1999, 155, 557-570.	1.9	16
107	Utility of human placental alkaline phosphatase as a genetic marker for cell tracking in bone and cartilage. Histochemistry and Cell Biology, 2007, 127, 669-674.	0.8	16
108	The Role of Natriuretic Peptides in the Regulation of Cardiac Tolerance to Ischemia/Reperfusion and Postinfarction Heart Remodeling. Journal of Cardiovascular Pharmacology and Therapeutics, 2021, 26, 131-148.	1.0	16

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109	Histological assessment of cellular half-life in tissues in vivo. Histochemistry and Cell Biology, 2008, 130, 1041-1046.	0.8	15
110	Histomorphometry in Rodents. Methods in Molecular Biology, 2019, 1914, 411-435.	0.4	15
111	FGF23 and Vitamin D Metabolism. JBMR Plus, 2021, 5, e10558.	1.3	15
112	Effect of Zn deficiency and subsequent Zn repletion on bone mineral composition and markers of bone tissue metabolism in 65Zn-labelled, young-adult rats. Journal of Animal Physiology and Animal Nutrition, 2002, 86, 214-221.	1.0	14
113	Bone-Labeling Techniques. , 0, , 99-118.		13
114	Long-Term Sensitivity of Uterus and Hypothalamus/Pituitary Axis to 17Î²-Estradiol Is Higher Than That of Bone in Rats. Journal of Bone and Mineral Research, 2004, 19, 1827-1832.	3.1	12
115	Long-Term Marginal Zinc Supply Is Not Detrimental to the Skeleton of Aged Female Rats. Journal of Nutrition, 2009, 139, 703-709.	1.3	12
116	Vitamin Dâ€“Independent Therapeutic Effects of Extracellular Calcium in a Mouse Model of Adult-Onset Secondary Hyperparathyroidism. Journal of Bone and Mineral Research, 2009, 24, 22-32.	3.1	12
117	Estradiol Release Kinetics Determine Tissue Response in Ovariectomized Rats. Endocrinology, 2012, 153, 1725-1733.	1.4	12
118	Normal epidermal growth factor receptor signaling is dispensable for bone anabolic effects of parathyroid hormone. Bone, 2012, 50, 237-244.	1.4	12
119	Osteopenia Caused by Ovariectomy in Young Female Rats and Prophylactic Effects of 1,25â€dihydroxyvitamin D₃*. Transboundary and Emerging Diseases, 1991, 38, 54-60.	0.6	11
120	Short-Term Prophylaxis against Estrogen Depletion-Induced Bone Loss with Calcitriol does not Provide Long-Term Beneficial Effects on Cancellous Bone Mass or Structure in Ovariectomized Rats. Osteoporosis International, 1998, 8, 82-91.	1.3	11
121	Marker tolerant, immunocompetent animals as a new tool for regenerative medicine and long-term cell tracking. BMC Biotechnology, 2007, 7, 30.	1.7	11
122	Human Placental Alkaline Phosphatase as a Tracking Marker for Bone Marrow Mesenchymal Stem Cells. BioResearch Open Access, 2013, 2, 346-355.	2.6	11
123	Skeletal effects of plyometric exercise and metformin in ovariectomized rats. Bone, 2020, 132, 115193.	1.4	11
124	Ablation of Vitamin D Signaling Compromises Cerebrovascular Adaptation to Carotid Artery Occlusion in Mice. Cells, 2020, 9, 1457.	1.8	11
125	Hematopoietic bone marrow cells participate in endothelial, but not epithelial or mesenchymal cell renewal in adult rats. Journal of Cellular and Molecular Medicine, 2011, 15, 2232-2244.	1.6	10
126	A nonâ€functioning vitamin D receptor predisposes to leukaemoid reactions in mice. Hematological Oncology, 2010, 28, 185-191.	0.8	9

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127	Interaction between Exercise, Dietary Restriction and Age-Related Bone Loss in a Rodent Model of Male Senile Osteoporosis. Gerontology, 2012, 58, 139-149.	1.4	9
128	Micro-osmotic pumps for continuous release of the tyrosine kinase inhibitor bosutinib in juvenile rats and its impact on bone growth. Medical Science Monitor Basic Research, 2013, 19, 274-278.	2.6	9
129	Osteoblast-specific overexpression of amphiregulin leads to transient increase in femoral cancellous bone mass in mice. Bone, 2015, 81, 36-46.	1.4	9
130	Skeletal effects of a gastrin receptor antagonist in H+/K+ATPase beta subunit KO mice. Journal of Endocrinology, 2016, 230, 251-262.	1.2	9
131	UCP2 up-regulation within the course of autoimmune encephalomyelitis correlates with T-lymphocyte activation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1002-1012.	1.8	9
132	Role of vitamin D metabolites in the prevention of the osteopenia induced by ovariectomy in the axial and appendicular skeleton of the rat. European Journal of Nutrition, 1990, 29, 229-248.	4.6	8
133	Vagus-sparing gastric fundectomy in the rat: development of osteopenia, relationship to urinary phosphate and net acid excretion, serum gastrin and vitamin D. Research in Experimental Medicine, 2001, 200, 1-16.	0.7	8
134	Gender- and dose-related effects of cyclosporin A on hepatic and bone metabolism. Bone, 2012, 50, 140-148.	1.4	8
135	The PPARÎ± Agonist Fenofibrate Improves the Musculoskeletal Effects of Exercise in Ovariectomized Rats. Endocrinology, 2016, 157, 3924-3934.	1.4	8
136	Age-related sex differences in the expression of important disease-linked mitochondrial proteins in mice. Biology of Sex Differences, 2019, 10, 56.	1.8	8
137	Amphiregulin lacks an essential role for the bone anabolic action of parathyroid hormone. Molecular and Cellular Endocrinology, 2015, 417, 158-165.	1.6	7
138	Effect of etelcalcetide on cardiac hypertrophy in hemodialysis patients: a randomized controlled trial (ETECAR-HD). Trials, 2019, 20, 601.	0.7	7
139	No Role of Osteocytic Osteolysis in the Development and Recovery of the Bone Phenotype Induced by Severe Secondary Hyperparathyroidism in Vitamin D Receptor Deficient Mice. International Journal of Molecular Sciences, 2020, 21, 7989.	1.8	7
140	Aldosterone Is Positively Associated With Circulating FGF23 Levels in Chronic Kidney Disease Across Four Species, and May Drive FGF23 Secretion Directly. Frontiers in Physiology, 2021, 12, 649921.	1.3	7
141	High insulin and low IGF-I plasma levels following pancreas transplantation in rats. Implications for bone and mineral metabolism. Scandinavian Journal of Clinical and Laboratory Investigation, 2000, 60, 175-188.	0.6	6
142	Selective inhibition of receptor activator of NF-ÎºB ligand (RANKL) in hematopoietic cells improves outcome after experimental myocardial infarction. Journal of Molecular Medicine, 2018, 96, 559-573.	1.7	6
143	Effects of partial and total colectomy on mineral and acidâ€“base homoeostasis in the rat: magnesium deficiency, hyperphosphaturia and osteopathy, in the presence of high serum 1,25-dihydroxyvitamin D but normal parathyroid hormone. Clinical Science, 2000, 98, 649-659.	1.8	5
144	Application of Histopathology and Bone Histomorphometry for Understanding Test Article-Related Bone Changes and Assessing Potential Bone Liabilities. Molecular and Integrative Toxicology, 2017, , 253-278.	0.5	5

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145	Regional Bone Loss After Orthotopic Liver Transplantation in Inbred Rats: The Role of Hepatic Denervation. Calcified Tissue International, 2002, 71, 193-202.	1.5	4
146	Human Internal Mammary Artery (IMA) Transplantation and Stenting: A Human Model to Study the Development of In-Stent Restenosis. Journal of Visualized Experiments, 2012, , e3663.	0.2	4
147	Effects of the amount and source of dietary protein on bone status in rats. Food and Function, 2014, 5, 716.	2.1	4
148	Biomechanical and Bone Material Properties of Schnurriâ€3 Null Mice. JBMR Plus, 2019, 3, e10226.	1.3	4
149	The bone is the major source of high circulating intact fibroblast growth factor-23 in acute murine polymicrobial sepsis induced by cecum ligation puncture. PLoS ONE, 2021, 16, e0251317.	1.1	4
150	From parathyroid to thymus, via glial cells. Nature Medicine, 2000, 6, 860-861.	15.2	3
151	Bone-Labeling Techniques. , 2003, , 99-117.		3
152	Lack of vitamin D signalling per se does not aggravate cardiac functional impairment induced by myocardial infarction in mice. PLoS ONE, 2018, 13, e0204803.	1.1	3
153	A Laser Capture Microdissection Protocol That Yields High Quality RNA from Fresh-frozen Mouse Bones. Journal of Visualized Experiments, 2019, , .	0.2	3
154	High prevalence of vitamin D insufficiency during late winter and spring in healthy young women in Germany. Journal of Endocrinological Investigation, 2009, 32, 291-292.	1.8	2
155	Bone histomorphometry in rodents. , 2020, , 1899-1922.		2
156	Thioredoxin 1 is upregulated in the bone and bone marrow following experimental myocardial infarction: evidence for a remote organ response. Histochemistry and Cell Biology, 2021, 155, 89-99.	0.8	2
157	Activation of RAAS Signaling Contributes to Hypertension in Aged Hyp Mice. Biomedicines, 2022, 10, 1691.	1.4	2
158	193â€...Lack of Fibroblast Growth factor-23 (FGF23) Preserves Cardiac Function in a Murine Model of Acute Myocardial Infarction. Heart, 2016, 102, A131.1-A131.	1.2	1
159	Stanozolol Decreases Bone Turnover Markers, Increases Mineralization, and Alters Femoral Geometry in Male Rats. Calcified Tissue International, 2016, 98, 609-618.	1.5	1
160	Editorial: Endocrine and Paracrine Role of FGF23 and Klotho in Health and Disease. Frontiers in Endocrinology, 2019, 10, 2.	1.5	1
161	Effects of FGF23 in the distal nephron. , 2021, , 23-30.		1
162	Skeletal Effects of the Tyrosine Kinase Inhibitors Imatinib, Dasatinib, and Bosutinib in Young Rats. Blood, 2012, 120, 4429-4429.	0.6	1

#	Article	IF	Citations
163	Kidneyâ€“Bone: Interaction. Molecular and Integrative Toxicology, 2017, , 335-362.	0.5	1
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