Karl L Insogna

List of Publications by Citations

198 papers	11,136 citations	56 h-index	101 g-index
203 ext. papers	12,527 ext. citations	7.3 avg, IF	6 L-index

#	Paper	IF	Citations
198	High bone density due to a mutation in LDL-receptor-related protein 5. *New England Journal of Medicine*, **2002**, 346, 1513-21	59.2	1357
197	Phosphoenolpyruvate Is a Metabolic Checkpoint of Anti-tumor T Cell Responses. *Cell*, **2015**, 162, 1217-28	36.2	746
196	Lrp5 controls bone formation by inhibiting serotonin synthesis in the duodenum. *Cell*, **2008**, 135, 825-37	56.2	651
195	A clinicianÃ¢s guide to X-linked hypophosphatemia. *Journal of Bone and Mineral Research*, **2011**, 26, 1381-8	6.3	332
194	Humoral hypercalcemia of cancer. Identification of a novel parathyroid hormone-like peptide. *New England Journal of Medicine*, **1988**, 319, 556-63	59.2	291
193	Randomized trial of the anti-FGF23 antibody KRN23 in X-linked hypophosphatemia. *Journal of Clinical Investigation*, **2014**, 124, 1587-97	15.9	211
192	Cross-cultural association between dietary animal protein and hip fracture: a hypothesis. *Calcified Tissue International*, **1992**, 50, 14-8	3.9	208
191	The impact of dietary protein on calcium absorption and kinetic measures of bone turnover in women. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 26-31	5.6	204
190	Multisystem study of 20 older adults with Williams syndrome. *American Journal of Medical Genetics Part A*, **2004**, 131, 255-64		165
189	Increasing dietary protein requirements in elderly people for optimal muscle and bone health. *Journal of the American Geriatrics Society*, **2009**, 57, 1073-9	5.6	162
188	LATS1 tumour suppressor affects cytokinesis by inhibiting LIMK1. *Nature Cell Biology*, **2004**, 6, 609-17	23.4	155
187	Where Wnts went: the exploding field of Lrp5 and Lrp6 signaling in bone. *Journal of Bone and Mineral Research*, **2009**, 24, 171-8	6.3	154
186	Dietary protein, calcium metabolism, and skeletal homeostasis revisited. *American Journal of Clinical Nutrition*, **2003**, 78, 584S-592S	7	150
185	Effects of glucose-dependent insulinotropic peptide on osteoclast function. *American Journal of Physiology - Endocrinology and Metabolism*, **2007**, 292, E543-8	6	147
184	Evidence for disordered control of 1,25-dihydroxyvitamin D production in absorptive hypercalciuria. *New England Journal of Medicine*, **1984**, 311, 73-80	59.2	146
183	Glucose-dependent insulinotropic polypeptide receptor knockout mice have altered bone turnover. *Bone*, **2005**, 37, 759-69	4.7	134
182	A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Trial Evaluating the Efficacy of Burosumab, an Anti-FGF23 Antibody, in Adults With X-Linked Hypophosphatemia: Week 24 Primary Analysis. *Journal of Bone and Mineral Research*, **2018**, 33, 1383-1393	6.3	134

181	Low protein intake: the impact on calcium and bone homeostasis in humans. *Journal of Nutrition*, **2003**, 133, 855S-861S	4.1	132
180	A role for interleukin-6 in parathyroid hormone-induced bone resorption in vivo. *Endocrinology*, **1999**, 140, 4683-90	4.8	131
179	Elevations in circulating 1,25-dihydroxyvitamin D in three patients with lymphoma-associated hypercalcemia. *Journal of Clinical Endocrinology and Metabolism*, **1985**, 60, 29-33	5.6	126
178	Fibroblast growth factor 7: an inhibitor of phosphate transport derived from oncogenic osteomalacia-causing tumors. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 1012-20	5.6	125
177	Denosumab for treatment of hypercalcemia of malignancy. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 3144-52	5.6	121
176	Glucose-dependent insulinotropic peptide-overexpressing transgenic mice have increased bone mass. *Bone*, **2007**, 40, 1352-60	4.7	120
175	Prolonged Correction of Serum Phosphorus in Adults With X-Linked Hypophosphatemia Using Monthly Doses of KRN23. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 2565-73	5.6	106
174	Circulating levels of soluble klotho and FGF23 in X-linked hypophosphatemia: circadian variance, effects of treatment, and relationship to parathyroid status. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, E352-7	5.6	104
173	Dietary protein and bone health: a systematic review and meta-analysis from the National Osteoporosis Foundation. *American Journal of Clinical Nutrition*, **2017**, 105, 1528-1543	7	99
172	Mutations in SLC34A3/NPT2c are associated with kidney stones and nephrocalcinosis. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 2366-75	12.7	99
171	Diagnosis and Management of Osteopetrosis: Consensus Guidelines From the Osteopetrosis Working Group. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 3111-3123	5.6	94
170	Macrophage colony-stimulating factor release and receptor expression in bone cells. *Journal of Bone and Mineral Research*, **1993**, 8, 1507-18	6.3	85
169	Control of bone formation by the serpentine receptor Frizzled-9. *Journal of Cell Biology*, **2011**, 192, 1057-72	7.3	84
168	Elevated production rate of 1,25-dihydroxyvitamin D in patients with absorptive hypercalciuria. *Journal of Clinical Endocrinology and Metabolism*, **1985**, 61, 490-5	5.6	84
167	Changes in bone turnover in young women consuming different levels of dietary protein. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 1052-5	5.6	83
166	L-type amino acids stimulate gastric acid secretion by activation of the calcium-sensing receptor in parietal cells. *American Journal of Physiology - Renal Physiology*, **2005**, 289, G664-9	5.1	79
165	Posttransplant bone disease: evidence for a high bone resorption state. *Transplantation*, **2000**, 70, 1722-8	3.8	79
164	Effect of age on serum immunoreactive parathyroid hormone and its biological effects. *Journal of Clinical Endocrinology and Metabolism*, **1981**, 53, 1072-5	5.6	76

163	Changes in Bone Turnover in Young Women Consuming Different Levels of Dietary Protein. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 1052-1055	5.6	75
162	Survey of the enthesopathy of X-linked hypophosphatemia and its characterization in Hyp mice. *Calcified Tissue International*, **2009**, 85, 235-46	3.9	73
161	Evidence for a functional association between phosphatidylinositol 3-kinase and c-src in the spreading response of osteoclasts to colony-stimulating factor-1. *Endocrinology*, **2000**, 141, 2129-38	4.8	71
160	Parathyroid hormone-related protein: evidence for isoform- and tissue-specific posttranslational processing. *Biochemistry*, **1994**, 33, 7460-9	3.2	71
159	Bone Health and Osteoporosis. *Endocrinology and Metabolism Clinics of North America*, **2015**, 44, 517-30	5.5	70
158	Biochemical and histomorphometric characterization of a rat model for humoral hypercalcemia of malignancy. *Endocrinology*, **1984**, 114, 888-96	4.8	70
157	Conventional Therapy in Adults With X-Linked Hypophosphatemia: Effects on Enthesopathy and Dental Disease. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 3625-32	5.6	69
156	Parathyroid hormone-related protein modulates the effect of transforming growth factor-beta on deoxyribonucleic acid and collagen synthesis in fetal rat bone cells. *Endocrinology*, **1989**, 125, 199-208	4.8	69
155	The cell-surface form of colony-stimulating factor-1 is regulated by osteotropic agents and supports formation of multinucleated osteoclast-like cells. *Journal of Biological Chemistry*, **1998**, 273, 4119-28	5.4	68
154	Expression and synthesis of bone morphogenetic proteins by osteoclasts: a possible path to anabolic bone remodeling. *Journal of Histochemistry and Cytochemistry*, **2008**, 56, 569-77	3.4	67
153	Multiple melanocortin receptors are expressed in bone cells. *Bone*, **2005**, 36, 820-31	4.7	66
152	Colony stimulating factor-1 plays a role in osteoclast formation and function in bone resorption induced by parathyroid hormone and parathyroid hormone-related protein. *Journal of Bone and Mineral Research*, **1996**, 11, 1474-81	6.3	65
151	Inhibiting gastric acid production does not affect intestinal calcium absorption in young, healthy individuals: a randomized, crossover, controlled clinical trial. *Journal of Bone and Mineral Research*, **2010**, 25, 2205-11	6.3	64
150	Orthopaedic management improves the rate of early osteoporosis treatment after hip fracture. A randomized clinical trial. *Journal of Bone and Joint Surgery - Series A*, **2008**, 90, 2346-53	5.6	64
149	A consideration of the hormonal basis and phosphate leak hypothesis of absorptive hypercalciuria. *Journal of Clinical Endocrinology and Metabolism*, **1984**, 58, 161-9	5.6	63
148	The expanding role of PI3-kinase in bone. *Bone*, **2004**, 34, 3-12	4.7	62
147	A threshold for low-protein-diet-induced elevations in parathyroid hormone. *American Journal of Clinical Nutrition*, **2000**, 72, 168-73	7	62
146	Primary Hyperparathyroidism. *New England Journal of Medicine*, **2018**, 379, 1050-1059	59.2	61

145	Dominant role of CD47-thrombospondin-1 interactions in myeloma-induced fusion of human dendritic cells: implications for bone disease. *Blood*, **2009**, 114, 3413-21	2.2	58
144	Sensitivity of the parathyroid hormone-1,25-dihydroxyvitamin D axis to variations in calcium intake in patients with primary hyperparathyroidism. *New England Journal of Medicine*, **1985**, 313, 1126-30	59.2	57
143	Impact of glucose-dependent insulinotropic peptide on age-induced bone loss. *Journal of Bone and Mineral Research*, **2008**, 23, 536-43	6.3	56
142	The Effect of a Whey Protein Supplement on Bone Mass in Older Caucasian Adults. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 2214-22	5.6	55
141	Targeted overexpression of Dkk1 in osteoblasts reduces bone mass but does not impair the anabolic response to intermittent PTH treatment in mice. *Journal of Bone and Mineral Metabolism*, **2011**, 29, 141-8	2.9	55
140	The effect of proton pump-inhibiting drugs on mineral metabolism. *American Journal of Gastroenterology*, **2009**, 104 Suppl 2, S2-4	0.7	55
139	Parathyroid hormone induces hepatic production of bioactive interleukin-6 and its soluble receptor. *American Journal of Physiology - Endocrinology and Metabolism*, **2001**, 280, E405-12	6	54
138	Enhanced production rate of 1,25-dihydroxyvitamin D in sarcoidosis. *Journal of Clinical Endocrinology and Metabolism*, **1988**, 66, 72-5	5.6	53
137	Dietary protein and skeletal health: a review of recent human research. *Current Opinion in Lipidology*, **2011**, 22, 16-20	4.4	52
136	Continued Beneficial Effects of Burosumab in Adults with X-Linked Hypophosphatemia: Results from a 24-Week Treatment Continuation Period After a 24-Week Double-Blind Placebo-Controlled Period. *Calcified Tissue International*, **2019**, 105, 271-284	3.9	47
135	Pioglitazone and Risk for Bone Fracture: Safety Data From a Randomized Clinical Trial. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 914-922	5.6	46
134	Hypophosphatemia promotes lower rates of muscle ATP synthesis. *FASEB Journal*, **2016**, 30, 3378-3387	0.9	45
133	Calcium intake in the United States from dietary and supplemental sources across adult age groups: new estimates from the National Health and Nutrition Examination Survey 2003-2006. *Journal of the American Dietetic Association*, **2011**, 111, 687-95		45
132	The effect of aging on the skeletal response to intermittent treatment with parathyroid hormone. *Endocrinology*, **2005**, 146, 1983-90	4.8	42
131	Synthetic parathyroid hormone-like protein (1-74) is anabolic for bone in vivo. *Calcified Tissue International*, **1992**, 51, 30-4	3.9	42
130	Skin-derived fibroblasts respond to human parathyroid hormone-like adenylate cyclase-stimulating proteins. *Journal of Clinical Endocrinology and Metabolism*, **1987**, 65, 105-9	5.6	42
129	Burosumab Improved Histomorphometric Measures of Osteomalacia in Adults with X-Linked Hypophosphatemia: A Phase 3, Single-Arm, International Trial. *Journal of Bone and Mineral Research* , **2019**, 34, 2183-2191	6.3	41
128	Activated c-Fms recruits Vav and Rac during CSF-1-induced cytoskeletal remodeling and spreading in osteoclasts. *Bone*, **2006**, 39, 1290-301	4.7	41

127	Bone densities in patients receiving isotretinoin for cystic acne. *Archives of Dermatology*, **1999**, 135, 961-5		41
126	Osteoblast-like cells secrete granulocyte-macrophage colony-stimulating factor in response to parathyroid hormone and lipopolysaccharide. *Endocrinology*, **1989**, 124, 899-904	4.8	41
125	Parameters of high bone-turnover predict bone loss in renal transplant patients: a longitudinal study. *Transplantation*, **2001**, 72, 83-8	1.8	41
124	Frequency and partial characterization of adenylate cyclase-stimulating activity in tumors associated with humoral hypercalcemia of malignancy. *Journal of Bone and Mineral Research*, **1986**, 1, 267-76	6.3	40
123	Effect of four monthly doses of a human monoclonal anti-FGF23 antibody (KRN23) on quality of life in X-linked hypophosphatemia. *Bone Reports*, **2016**, 5, 158-162	2.6	40
122	Animal versus plant protein and adult bone health: A systematic review and meta-analysis from the National Osteoporosis Foundation. *PLoS ONE*, **2018**, 13, e0192459	3.7	38
121	Proton pump-inhibiting drugs, calcium homeostasis, and bone health. *Nutrition Reviews*, **2008**, 66, 103-8	6.4	38
120	Colony-stimulating factor-1 increases osteoclast intracellular pH and promotes survival via the electroneutral Na/HCO3 cotransporter NBCn1. *Endocrinology*, **2007**, 148, 831-40	4.8	38
119	Treatment of osteoporosis and osteopenia in long-term renal transplant patients with alendronate. *American Journal of Transplantation*, **2002**, 2, 62-7	8.7	38
118	Synthesis of a gene encoding parathyroid hormone-like protein-(1-141): purification and biological characterization of the expressed protein. *Endocrinology*, **1989**, 124, 111-8	4.8	38
117	Osteomalacia and Weakness From Excessive Antacid Ingestion. *JAMA - Journal of the American Medical Association*, **1980**, 244, 2544	27.4	38
116	The role of the receptor activator of nuclear factor-kappaB ligand/osteoprotegerin cytokine system in primary hyperparathyroidism. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 967-73	5.6	37
115	Estrogen modulates parathyroid hormone-induced interleukin-6 production in vivo and in vitro. *Endocrinology*, **2000**, 141, 2526-31	4.8	37
114	Denosumab for patients with persistent or relapsed hypercalcemia of malignancy despite recent bisphosphonate treatment. *Journal of the National Cancer Institute*, **2013**, 105, 1417-20	9.7	35
113	Isolation of 16,000-dalton parathyroid hormone-like proteins from two animal tumors causing humoral hypercalcemia of malignancy. *Endocrinology*, **1988**, 123, 2744-51	4.8	35
112	Calcitonin administration in X-linked hypophosphatemia. *New England Journal of Medicine*, **2011**, 364, 1678-80	59.2	32
111	Nuclear factor-kappaB p50 is required for tumor necrosis factor-alpha-induced colony-stimulating factor-1 gene expression in osteoblasts. *Endocrinology*, **2000**, 141, 2914-22	4.8	32
110	Torus palatinus: a new anatomical correlation with bone density in postmenopausal women. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 2081-6	5.6	31

109	Circulating levels of interleukin-6 soluble receptor predict rates of bone loss in patients with primary hyperparathyroidism. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 4946-51	5.6	31
108	Tumor necrosis factor-alpha induces transcription of the colony-stimulating factor-1 gene in murine osteoblasts. *Journal of Cellular Physiology*, **1996**, 168, 199-208	7	31
107	24,25 Dihydroxyvitamin D supplementation corrects hyperparathyroidism and improves skeletal abnormalities in X-linked hypophosphatemic rickets--a clinical research center study. *Journal of Clinical Endocrinology and Metabolism*, **1996**, 81, 2381-2388	5.6	31
106	Dietary acid load is associated with lower bone mineral density in men with low intake of dietary calcium. *Journal of Bone and Mineral Research*, **2014**, 29, 500-6	6.3	29
105	Co-purification of transforming growth factor beta-like activity with PTH-like and bone-resorbing activities from a tumor associated with humoral hypercalcemia of malignancy. *Endocrinology*, **1987**, 120, 2183-5	4.8	29
104	Pharmacokinetics and pharmacodynamics of a human monoclonal anti-FGF23 antibody (KRN23) in the first multiple ascending-dose trial treating adults with X-linked hypophosphatemia. *Journal of Clinical Pharmacology*, **2016**, 56, 176-85	2.9	29
103	Burosumab for the Treatment of Tumor-Induced Osteomalacia. *Journal of Bone and Mineral Research*, **2021**, 36, 627-635	6.3	29
102	The effects of dietary protein and amino acids on skeletal metabolism. *Molecular and Cellular Endocrinology*, **2015**, 410, 78-86	4.4	28
101	Measurement of plasma, serum, and platelet serotonin in individuals with high bone mass and mutations in LRP5. *Journal of Bone and Mineral Research*, **2014**, 29, 976-81	6.3	28
100	Influence of pregnancy on immunoreactive parathyroid hormone levels. *Calcified Tissue International*, **1982**, 34, 9-12	3.9	28
99	Synthetic parathyroid hormone-like protein-(1-74): biochemical and physiological characterization. *Endocrinology*, **1989**, 124, 642-8	4.8	27
98	Meat and soy protein affect calcium homeostasis in healthy women. *Journal of Nutrition*, **2006**, 136, 1890-5	4.1	26
97	AgRP Neurons Regulate Bone Mass. *Cell Reports*, **2015**, 13, 8-14	10.6	25
96	Claudins, dietary milk proteins, and intestinal barrier regulation. *Nutrition Reviews*, **2013**, 71, 60-5	6.4	25
95	The cell surface form of colony-stimulating factor-1 is biologically active in bone in vivo. *Endocrinology*, **2003**, 144, 3677-82	4.8	25
94	Deletion of Rac in Mature Osteoclasts Causes Osteopetrosis, an Age-Dependent Change in Osteoclast Number, and a Reduced Number of Osteoblasts In Vivo. *Journal of Bone and Mineral Research*, **2016**, 31, 864-73	6.3	25
93	Clinical and genetic analysis in a large Chinese cohort of patients with X-linked hypophosphatemia. *Bone*, **2019**, 121, 212-220	4.7	24
92	Treatment of sarcoidosis-associated hypercalcemia with ketoconazole. *American Journal of Kidney Diseases*, **1991**, 18, 702-5	7.4	24

91	Phosphorus-31 MRI of hard and soft solids using quadratic echo line-narrowing. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 5190-5	11.5	23
90	LIM kinase 1 deficient mice have reduced bone mass. *Bone*, **2013**, 52, 70-82	4.7	23
89	Osteoclasts lacking Rac2 have defective chemotaxis and resorptive activity. *Calcified Tissue International*, **2011**, 88, 75-86	3.9	23
88	The effect of dietary protein on intestinal calcium absorption in rats. *Endocrinology*, **2010**, 151, 1071-8	4.8	23
87	Effect of a randomized controlled exercise trial on bone outcomes: influence of adjuvant endocrine therapy. *Breast Cancer Research and Treatment*, **2016**, 155, 491-500	4.4	22
86	IL-6 negatively regulates IL-11 production in vitro and in vivo. *Endocrinology*, **2001**, 142, 3850-6	4.8	21
85	Effect of paricalcitol on circulating parathyroid hormone in X-linked hypophosphatemia: a randomized, double-blind, placebo-controlled study. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 3103-11	5.6	20
84	An aerobic weight-loaded pilot exercise intervention for breast cancer survivors: bone remodeling and body composition outcomes. *Biological Research for Nursing*, **2008**, 10, 34-43	2.6	20
83	Longitudinal increase in vitamin D binding protein levels after initiation of tenofovir/lamivudine/efavirenz among individuals with HIV. *Aids*, **2016**, 30, 1935-42	3.5	19
82	The relative potency of a human tumor-derived PTH-like adenylate cyclase-stimulating preparation in three bioassays. *Journal of Bone and Mineral Research*, **1987**, 2, 37-43	6.3	18
81	A patient with hypophosphatemia, a femoral fracture, and recurrent kidney stones: report of a novel mutation in SLC34A3. *Endocrine Practice*, **2008**, 14, 869-74	3.2	18
80	Trichlormethiazide and oral phosphate therapy in patients with absorptive hypercalciuria. *Journal of Urology*, **1989**, 141, 269-74	2.5	18
79	The contribution of cross-talk between the cell-surface proteins CD36 and CD47-TSP-1 in osteoclast formation and function. *Journal of Biological Chemistry*, **2018**, 293, 15055-15069	5.4	17
78	The Yale Fitness Intervention Trial in female cancer survivors: Cardiovascular and physiological outcomes. *Heart and Lung: Journal of Acute and Critical Care*, **2017**, 46, 375-381	2.6	17
77	Optimizing bone health in older adults: the importance of dietary protein. *Aging Health*, **2010**, 6, 345-357		17
76	Evidence that the IL-6/IL-6 soluble receptor cytokine system plays a role in the increased skeletal sensitivity to PTH in estrogen-deficient women. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 2892-8	5.6	17
75	Vitamin D metabolism and bone histomorphometry in a patient with antacid-induced osteomalacia. *American Journal of Medicine*, **1984**, 77, 747-50	2.4	17
74	Dietary protein-induced increases in urinary calcium are accompanied by similar increases in urinary nitrogen and urinary urea: a controlled clinical trial. *Journal of the Academy of Nutrition and Dietetics*, **2013**, 113, 447-451	3.9	15

73	Supplementing a low-protein diet with dibasic amino acids increases urinary calcium excretion in young women. *Journal of Nutrition*, **2014**, 144, 282-8	4.1	15
72	Dietary Protein and Vitamin D Intake and Risk of Falls: A Secondary Analysis of Postmenopausal Women from the Study of Osteoporotic Fractures. *Journal of Nutrition in Gerontology and Geriatrics* , **2015**, 34, 305-18	2.1	14
71	Overexpression of parathyroid hormone-related protein causes hypercalcemia but not bone metastases in a murine model of mammary tumorigenesis. *Journal of Bone and Mineral Research*, **2002**, 17, 1164-70	6.3	14
70	Osteoporosis knowledge, self-efficacy, and health beliefs among Chinese individuals with HIV. *Archives of Osteoporosis*, **2014**, 9, 201	2.9	13
69	Targeted overexpression of the two colony-stimulating factor-1 isoforms in osteoblasts differentially affects bone loss in ovariectomized mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 296, E714-20	6	13
68	The anabolic response to parathyroid hormone is augmented in Rac2 knockout mice. *Endocrinology*, **2008**, 149, 4009-15	4.8	13
67	Characterization of a parathyroid hormonelike peptide secreted by human keratinocytes. *Annals of the New York Academy of Sciences*, **1988**, 548, 146-59	6.5	12
66	Three-Month Randomized Clinical Trial of Nasal Calcitonin in Adults with X-linked Hypophosphatemia. *Calcified Tissue International*, **2018**, 102, 666-670	3.9	11
65	Selective deletion of the soluble Colony-Stimulating Factor 1 isoform prevents estrogen-deficiency bone loss in mice. *Bone Research*, **2017**, 5, 17022	13.3	11
64	The transcription factor T-box 3 regulates colony-stimulating factor 1-dependent Jun dimerization protein 2 expression and plays an important role in osteoclastogenesis. *Journal of Biological Chemistry*, **2014**, 289, 6775-6790	5.4	11
63	Two species of adenylate cyclase-stimulating activity in a murine squamous carcinoma model of humoral hypercalcemia of malignancy. *Endocrinology*, **1986**, 118, 1982-8	4.8	11
62	Humoral Hypercalcemia of Malignancy: The Role of Parathyroid Hormone-related Protein. *Endocrinology and Metabolism Clinics of North America*, **1989**, 18, 779-794	5.5	11
61	Effect of 25(OH) vitamin D reference method procedure (RMP) alignment on clinical measurements obtained with the IDS-iSYS chemiluminescent-based automated analyzer. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 148, 41-6	5.1	10
60	Breast cancer-associated gene 3 (BCA3) is a novel Rac1-interacting protein. *Journal of Bone and Mineral Research*, **2007**, 22, 628-37	6.3	10
59	Duodenal absorption and tissue utilization of dietary heme and nonheme iron differ in rats. *Journal of Nutrition*, **2014**, 144, 1710-7	4.1	9
58	Increasing dietary protein acutely augments intestinal iron transporter expression and significantly increases iron absorption in rats. *FASEB Journal*, **2013**, 27, 2476-83	0.9	9
57	Parathyroid hormone-related protein stimulates prostaglandin E2 release from human osteoblast-like cells: modulating effect of peptide length. *Journal of Bone and Mineral Research*, **1992**, 7, 887-96	6.3	9
56	The cell-surface isoform of colony stimulating factor 1 (CSF1) restores but does not completely normalize fecundity in CSF1-deficient mice. *Biology of Reproduction*, **2006**, 74, 331-6	3.9	9

55	Dietary protein and intestinal calcium absorption. *American Journal of Clinical Nutrition*, **2001**, 73, 990-2	7	9
54	New Therapies for Hypophosphatemia-Related to FGF23 Excess. *Calcified Tissue International*, **2021**, 108, 143-157	3.9	9
53	Selective deletion of the membrane-bound colony stimulating factor 1 isoform leads to high bone mass but does not protect against estrogen-deficiency bone loss. *Journal of Bone and Mineral Metabolism*, **2012**, 30, 408-18	2.9	8
52	Immunoaffinity purification of parathyroid hormone-related protein from bovine milk and human keratinocyte-conditioned medium. *Journal of Bone and Mineral Research*, **1991**, 6, 305-11	6.3	8
51	Parathyroid hormone increases circulating levels of fibronectin in vivo: modulating effect of ovariectomy. *Endocrinology*, **1997**, 138, 3918-24	4.8	8
50	Vitamin D metabolism in chronic childhood hypoparathyroidism: evidence for a direct regulatory effect of calcium. *Journal of Pediatrics*, **1990**, 116, 252-7	3.6	8
49	Isotretinoin does have an adverse effect on bone mineral density. *Journal of the American Academy of Dermatology*, **2005**, 53, 181; author reply 182-3	4.5	7
48	Update on Osteoporosis Screening and Management. *Medical Clinics of North America*, **2021**, 105, 1117-1134	7	7
47	Impact of gain-of-function mutations in the low-density lipoprotein receptor-related protein 5 (LRP5) on glucose and lipid homeostasis. *Osteoporosis International*, **2017**, 28, 2011-2017	5.3	6
46	The Effect of Dietary Glycemic Properties on Markers of Inflammation, Insulin Resistance, and Body Composition in Postmenopausal American Women: An Ancillary Study from a Multicenter Protein Supplementation Trial. *Nutrients*, **2017**, 9,	6.7	6
45	OR13-1 Burosumab Improves the Biochemical, Skeletal, and Clinical Symptoms of Tumor-Induced Osteomalacia Syndrome. *Journal of the Endocrine Society*, **2019**, 3,	0.4	6
44	Role of the interleukin-6/interleukin-6 soluble receptor cytokine system in mediating increased skeletal sensitivity to parathyroid hormone in perimenopausal women. *Journal of Bone and Mineral Research*, **2002**, 17 Suppl 2, N108-16	6.3	6
43	Vertebral fractures among breast cancer survivors in China: a cross-sectional study of prevalence and health services gaps. *BMC Cancer*, **2018**, 18, 104	4.8	5
42	Adenylate cyclase-stimulating, bone-resorbing and B TGF-like activities in canine apocrine cell adenocarcinoma of the anal sac. *Calcified Tissue International*, **1988**, 43, 359-65	3.9	5
41	Effect of short-term somatostatin and long-term triiodothyronine administration in a child with nontumorous inappropriate thyrotropin secretion. *Journal of Pediatrics*, **1988**, 112, 51-5	3.6	5
40	Primary Hyperparathyroidism. *New England Journal of Medicine*, **2018**, 379, e43	59.2	5
39	Breast cancer-associated gene 3 interacts with Rac1 and augments NF-B signaling in vitro, but has no effect on RANKL-induced bone resorption in vivo. *International Journal of Molecular Medicine*, **2017**, 40, 1067-1077	4.4	4
38	IL-6 Negatively Regulates IL-11 Production in Vitro and in Vivo		4

37	An Unanticipated Role for Sphingosine Kinase-2 in Bone and in the Anabolic Effect of Parathyroid Hormone. *Endocrinology*, **2021**, 162,	4.8	4
36	Treatment of humoral hypercalcemia of malignancy in rats with inhibitors of carbonic anhydrase. *Journal of Bone and Mineral Research*, **1990**, 5, 1037-41	6.3	3
35	Dietary protein increases intestinal calcium absorption and improves bone balance: An hypothesis. *International Congress Series*, **2007**, 1297, 204-216		3
34	High Protein Diets, Calcium Economy, and Bone Health. *Topics in Clinical Nutrition*, **2004**, 19, 57-70	0.4	3
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