Nancy S Krieger

List of Publications by Year
in descending order

35 papers	1,034 citations	430754 18 h-index	414303 32 g-index
35 all docs	35 docs citations	35 times ranked	845 citing authors

#	Article	IF	Citations
1	Mechanism of acid-induced bone resorption. Current Opinion in Nephrology and Hypertension, 2004, 13, 423-436.	1.0	204
2	Alendronate decreases urine calcium and supersaturation in genetic hypercalciuric rats. Kidney International, 1999, 55, 234-243.	2.6	88
3	Metabolic Acidosis Increases Intracellular Calcium in Bone Cells Through Activation of the Proton Receptor OGR1. Journal of Bone and Mineral Research, 2009, 24, 305-313.	3.1	67
4	Metabolic, but not respiratory, acidosis increases bone PGE₂levels and calcium release. American Journal of Physiology - Renal Physiology, 2001, 281, F1058-F1066.	1.3	65
5	Metabolic acidosis increases fibroblast growth factor 23 in neonatal mouse bone. American Journal of Physiology - Renal Physiology, 2012, 303, F431-F436.	1.3	54
6	Effect of Potassium Citrate on Calcium Phosphate Stones in a Model of Hypercalciuria. Journal of the American Society of Nephrology: JASN, 2015, 26, 3001-3008.	3.0	49
7	Greater inhibition of in vitro bone mineralization with metabolic than respiratory acidosis. Kidney International, 1994, 46, 1199-1206.	2.6	47
8	Prostaglandins regulate acid-induced cell-mediated bone resorption. American Journal of Physiology - Renal Physiology, 2000, 279, F1077-F1082.	1.3	47
9	Regulation of COX-2 Mediates Acid-Induced Bone Calcium Efflux in Vitro. Journal of Bone and Mineral Research, 2007, 22, 907-917.	3.1	40
10	Increased bone density in mice lacking the proton receptor OGR1. Kidney International, 2016, 89, 565-573.	2.6	39
11	RENAL RESEARCH INSTITUTE SYMPOSIUM: Cellular Mechanisms of Bone Resorption Induced by Metabolic Acidosis. Seminars in Dialysis, 2003, 16, 463-466.	0.7	29
12	Increased biological response to 1,25(OH)₂D₃in genetic hypercalciuric stone-forming rats. American Journal of Physiology - Renal Physiology, 2013, 304, F718-F726.	1.3	28
13	Differential effects of parathyroid hormone on protein phosphorylation in two osteoblastlike cell populations isolated from neonatal mouse calvaria. Calcified Tissue International, 1989, 44, 192-199.	1.5	27
14	Demonstration of sodium/calcium exchange in rodent osteoblasts. Journal of Bone and Mineral Research, 1992, 7, 1105-1111.	3.1	22
15	The Relation Between Bone and Stone Formation. Calcified Tissue International, 2013, 93, 374-381.	1.5	21
16	1,25(OH)₂D₃-enhanced hypercalciuria in genetic hypercalciuric stone-forming rats fed a low-calcium diet. American Journal of Physiology - Renal Physiology, 2013, 305, F1132-F1138.	1.3	21
17	Osteoblastic intracellular pH and calcium in metabolic and respiratory acidosis. Kidney International, 1995, 47, 1790-1796.	2.6	20
18	Pharmacological inhibition of intracellular calcium release blocks acid-induced bone resorption. American Journal of Physiology - Renal Physiology, 2011, 300, F91-F97.	1.3	20

#	Article	IF	Citations
19	Hormonal regulation of Na+-Ca2+ exchange in osteoblast-like cells. Journal of Bone and Mineral Research, 1994, 9, 1159-1166.	3.1	18
20	Effects of acid on bone. Kidney International, 2022, 101, 1160-1170.	2.6	17
21	Cortisol Inhibits Acid-Induced Bone Resorption In Vitro. Journal of the American Society of Nephrology: JASN, 2002, 13, 2534-2539.	3.0	16
22	1,25(OH)2D3 Induces a Mineralization Defect and Loss of Bone Mineral Density in Genetic Hypercalciuric Stone-Forming Rats. Calcified Tissue International, 2014, 94, 531-543.	1.5	15
23	Deletion of the proton receptor OGR1 in mouse osteoclasts impairs metabolic acidosis-induced bone resorption. Kidney International, 2021, 99, 609-619.	2.6	15
24	Modeling hypercalciuria in the genetic hypercalciuric stone-forming rat. Current Opinion in Nephrology and Hypertension, 2015, 24, 1.	1.0	11
25	Stimulation of fibroblast growth factor 23 by metabolic acidosis requires osteoblastic intracellular calcium signaling and prostaglandin synthesis. American Journal of Physiology - Renal Physiology, 2017, 313, F882-F886.	1.3	11
26	Chlorthalidone Is Superior to Potassium Citrate in Reducing Calcium Phosphate Stones and Increasing Bone Quality in Hypercalciuric Stone-Forming Rats. Journal of the American Society of Nephrology: JASN, 2019, 30, 1163-1173.	3.0	11
27	Persistence of 1,25D-induced hypercalciuria in alendronate-treated genetic hypercalciuric stone-forming rats fed a low-calcium diet. American Journal of Physiology - Renal Physiology, 2014, 306, F1081-F1087.	1.3	8
28	Chlorthalidone with potassium citrate decreases calcium oxalate stones and increases bone quality in genetic hypercalciuric stone-forming rats. Kidney International, 2021, 99, 1118-1126.	2.6	6
29	Metabolic acidosis regulates RGS16 and G protein signaling in osteoblasts. American Journal of Physiology - Renal Physiology, 2021, 321, F424-F430.	1.3	6
30	Acidâ€“Base Balance and Bone Health. , 2015, , 335-357.		3
31	Increased Osteoclast and Decreased Osteoblast Activity Causes Reduced Bone Mineral Density and Quality in Genetic Hypercalciuric Stoneâ€Forming Rats. JBMR Plus, 2020, 4, e10350.	1.3	3
32	Mechanism of amphotericin B stimulation of net calcium efflux from neonatal mouse calvariae. Journal of Bone and Mineral Research, 1990, 5, 725-732.	3.1	2
33	Low Sodium Diet Decreases Stone Formation in Genetic Hypercalciuric Stone-Forming Rats. Nephron, 2019, 142, 147-158.	0.9	2
34	Kidney stone formation and the gut microbiome are altered by antibiotics in genetic hypercalciuric stone-forming rats. Urolithiasis, 2021, 49, 185-193.	1.2	2
35	Renal Diseases and Bone: Emerging Therapeutics. , 2012, , 163-177.		0