

Jrg A

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

3,115
citations

25
h-index

54
g-index

54
ext. papers

3,360
ext. citations

6.3
avg, IF

4.46
L-index

#	Paper	IF	Citations
46	The proton-activated ovarian cancer G α protein-coupled receptor 1 (OGR1) is responsible for renal calcium loss during acidosis. <i>Kidney International</i> , 2020 , 97, 920-933	9.9	10
45	Bone Measurements by Peripheral Quantitative Computed Tomography in Rodents. <i>Methods in Molecular Biology</i> , 2019 , 1914, 533-558	1.4	2
44	Bone Physiology and Biology. <i>Molecular and Integrative Toxicology</i> , 2017 , 27-94	0.5	10
43	Protein malnutrition attenuates bone anabolic response to PTH in female rats. <i>Endocrinology</i> , 2015 , 156, 419-28	4.8	8
42	Effect of chronic metabolic acidosis on bone density and bone architecture in vivo in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 306, F517-24	4.3	23
41	Effects of 3 years treatment with once-yearly zoledronic acid on the kinetics of bone matrix maturation in osteoporotic patients. <i>Osteoporosis International</i> , 2013 , 24, 339-47	5.3	36
40	Coronal vertebral clefts: a radiological indicator for chromosomal aberrations. <i>Pediatric and Developmental Pathology</i> , 2013 , 16, 1-6	2.2	9
39	Annual intravenous zoledronic acid for three years increased cancellous bone matrix mineralization beyond normal values in the HORIZON biopsy cohort. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 442-8	6.3	25
38	Bone measurements by peripheral quantitative computed tomography in rodents. <i>Methods in Molecular Biology</i> , 2012 , 816, 477-98	1.4	6
37	Bone material properties in actively bone-forming trabeculae in postmenopausal women with osteoporosis after three years of treatment with once-yearly Zoledronic acid. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 12-8	6.3	78
36	Effects of intravenous zoledronic acid plus subcutaneous teriparatide [rhPTH(1-34)] in postmenopausal osteoporosis. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 503-11	6.3	256
35	Interleukin-1 is essential for systemic inflammatory bone loss. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69, 284-90	2.4	86
34	Circulating fibronectin affects bone matrix, whereas osteoblast fibronectin modulates osteoblast function. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 706-15	6.3	63
33	TGFbeta3 and loading increases osteocyte survival in human cancellous bone cultured ex vivo. <i>Cell Biochemistry and Function</i> , 2009 , 27, 23-9	4.2	13
32	Spatial and temporal patterns of bone formation in ectopically pre-fabricated, autologous cell-based engineered bone flaps in rabbits. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 1238-49 ^{5.6}	5.6	26
31	Effects of intravenous zoledronic acid once yearly on bone remodeling and bone structure. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 6-16	6.3	160
30	Long-term protective effects of zoledronic acid on cancellous and cortical bone in the ovariectomized rat. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 544-51	6.3	76

29	Bone degeneration and recovery after early and late bisphosphonate treatment of ovariectomized wistar rats assessed by in vivo micro-computed tomography. <i>Calcified Tissue International</i> , 2008 , 82, 202-11	3.9	68
28	Models of tibial fracture healing in normal and Nf1-deficient mice. <i>Journal of Orthopaedic Research</i> , 2008 , 26, 1053-60	3.8	50
27	European Society of Biomechanics S.M. Perren Award 2008: using temporal trends of 3D bone micro-architecture to predict bone quality. <i>Journal of Biomechanics</i> , 2008 , 41, 2946-53	2.9	11
26	Conditional transgene expression mediated by the mouse beta-actin locus. <i>Genesis</i> , 2007 , 45, 659-66	1.9	18
25	A cathepsin K inhibitor reduces breast cancer induced osteolysis and skeletal tumor burden. <i>Cancer Research</i> , 2007 , 67, 9894-902	10.1	159
24	Dlk1/FA1 is a novel endocrine regulator of bone and fat mass and its serum level is modulated by growth hormone. <i>Endocrinology</i> , 2007 , 148, 3111-21	4.8	60
23	Antitumor effects of clinical dosing regimens of bisphosphonates in experimental breast cancer bone metastasis. <i>Journal of the National Cancer Institute</i> , 2007 , 99, 322-30	9.7	204
22	TNF-induced structural joint damage is mediated by IL-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11742-7	11.5	233
21	Inhibition of FPP-synthase in osteoblasts may explain the blunting of the bone anabolic response to PTH observed after chronic exposure of rats to bisphosphonates. <i>Bone</i> , 2006 , 38, 50-51	4.7	3
20	Monitoring individual morphological changes over time in ovariectomized rats by in vivo micro-computed tomography. <i>Bone</i> , 2006 , 39, 854-62	4.7	168
19	A single intravenous administration of zoledronic acid prevents the bone loss and mechanical compromise induced by aromatase inhibition in rats. <i>Bone</i> , 2006 , 39, 787-95	4.7	21
18	The relative merits of anabolics versus anti-resorptive compounds: where our targets should be, and whether we are addressing them. <i>Current Opinion in Pharmacology</i> , 2006 , 6, 313-8	5.1	10
17	Evaluation of three-dimensional image registration methodologies for in vivo micro-computed tomography. <i>Annals of Biomedical Engineering</i> , 2006 , 34, 1587-99	4.7	50
16	The molecular scaffold Gab2 is a crucial component of RANK signaling and osteoclastogenesis. <i>Nature Medicine</i> , 2005 , 11, 394-9	50.5	152
15	Noninvasive monitoring of changes in structural cancellous bone parameters with a novel prototype micro-CT. <i>Journal of Bone and Mineral Metabolism</i> , 2005 , 23 Suppl, 90-6	2.9	48
14	Mice deficient in 11beta-hydroxysteroid dehydrogenase type 1 lack bone marrow adipocytes, but maintain normal bone formation. <i>Endocrinology</i> , 2004 , 145, 1916-25	4.8	61
13	Zoledronic acid protects against local and systemic bone loss in tumor necrosis factor-mediated arthritis. <i>Arthritis and Rheumatism</i> , 2004 , 50, 2327-37		91
12	Skeletal growth and long-term bone turnover after enterocystoplasty in a chronic rat model. <i>BJU International</i> , 2003 , 92, 306-13	5.6	10

11	Proton-sensing G-protein-coupled receptors. <i>Nature</i> , 2003 , 425, 93-8	50.4	506
10	The effect of enterocystoplasty on bone strength assessed at four different skeletal sites in a rat model. <i>Bone</i> , 2003 , 33, 549-56	4.7	7
9	Bone tissue and its mineralization in aged estrogen-depleted rats after long-term intermittent treatment with parathyroid hormone (PTH) analog SDZ PTS 893 or human PTH(1-34). <i>Bone</i> , 2001 , 28, 237-50	4.7	85
8	Influence of a low calcium and phosphorus diet on the anabolic effect of human parathyroid hormone (1-38) in female rats. <i>Bone</i> , 2001 , 29, 344-51	4.7	9
7	Long-term therapy of ovariectomy-induced osteopenia with parathyroid hormone analog SDZ PTS 893 and bone maintenance in retired breeder rats. <i>Bone</i> , 1999 , 25, 561-9	4.7	23
6	Partial maintenance of extra cancellous bone mass by antiresorptive agents after discontinuation of human parathyroid hormone (1-38) in right hindlimb immobilized rats. <i>Journal of Bone and Mineral Research</i> , 1995 , 10, 1726-34	6.3	23
5	Assessing bone quantity by pQCT. <i>Bone</i> , 1995 , 17, 145S-154S	4.7	77
4	Decreased sensitivity to adenosine in platelets from patients with familial hypercholesterolaemia--a change reversed by cholestyramine treatment. <i>European Journal of Clinical Investigation</i> , 1993 , 23, 803-11	4.6	4
3	Altered cellular signalling and decreased platelet sensitivity to adenosine in insulin-dependent diabetic patients with proliferative retinopathy. <i>Cellular Signalling</i> , 1993 , 5, 145-53	4.9	14
2	Comparison of the Effects of Carvedilol, Propranolol, and Verapamil on in vitro Platelet Function in Healthy Volunteers. <i>Journal of Cardiovascular Pharmacology</i> , 1991 , 18, S29-S34	3.1	19
1	Osteoporosis Research with the vivaCT40451-462		