

Roberto Civitelli

List of Publications by Year in descending order

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186
papers

11,377
citations

17405

63
h-index

31759

101
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194
all docs

194
docs citations

194
times ranked

8536
citing authors

#	ARTICLE	IF	CITATIONS
1	Opposite Bone Remodeling Effects of Teriparatide and Alendronate in Increasing Bone Mass. Archives of Internal Medicine, 2005, 165, 1762.	4.3	385
2	Connexin43 Deficiency Causes Delayed Ossification, Craniofacial Abnormalities, and Osteoblast Dysfunction. Journal of Cell Biology, 2000, 151, 931-944.	2.3	357
3	Bone turnover in postmenopausal osteoporosis. Effect of calcitonin treatment.. Journal of Clinical Investigation, 1988, 82, 1268-1274.	3.9	333
4	Subclinical Vitamin D Deficiency in Postmenopausal Women with Low Vertebral Bone Mass*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 628-634.	1.8	259
5	ATP- and Gap Junctionâ€‘dependent Intercellular Calcium Signaling in Osteoblastic Cells. Journal of Cell Biology, 1997, 139, 497-506.	2.3	242
6	Intravenous ibandronate injections in postmenopausal women with osteoporosis: One-year results from the dosing intravenous administration study. Arthritis and Rheumatism, 2006, 54, 1838-1846.	6.7	240
7	Gap Junctional Communication Modulates Gene Expression in Osteoblastic Cells. Molecular Biology of the Cell, 1998, 9, 2249-2258.	0.9	238
8	Estrogen Preserves a Normal Intestinal Responsiveness to 1,25-Dihydroxyvitamin D₃ in Oophorectomized Women*. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 1288-1293.	1.8	233
9	Stimulation of inositol trisphosphate and diacylglycerol production in renal tubular cells by parathyroid hormone.. Journal of Clinical Investigation, 1987, 79, 230-239.	3.9	228
10	Cellâ€‘cell communication in the osteoblast/osteocyte lineage. Archives of Biochemistry and Biophysics, 2008, 473, 188-192.	1.4	227
11	Risedronate Rapidly Reduces the Risk for Nonvertebral Fractures in Women with Postmenopausal Osteoporosis. Calcified Tissue International, 2004, 74, 129-135.	1.5	211
12	Connexin43 mediates direct intercellular communication in human osteoblastic cell networks.. Journal of Clinical Investigation, 1993, 91, 1888-1896.	3.9	210
13	?-Catenin and BMP-2 synergize to promote osteoblast differentiation and new bone formation. Journal of Cellular Biochemistry, 2005, 94, 403-418.	1.2	203
14	Nongenomic Activation of the Calcium Message System by Vitamin D Metabolites in Osteoblast-like Cells. Endocrinology, 1990, 127, 2253-2262.	1.4	175
15	Bone turnover markers: understanding their value in clinical trials and clinical practice. Osteoporosis International, 2009, 20, 843-851.	1.3	163
16	Low peak bone mass and attenuated anabolic response to parathyroid hormone in mice with an osteoblast-specific deletion of connexin43. Journal of Cell Science, 2006, 119, 4187-4198.	1.2	161
17	Transfected connexin45 alters gap junction permeability in cells expressing endogenous connexin43.. Journal of Cell Biology, 1995, 130, 987-995.	2.3	160
18	Cyclic Stretch Enhances Gap Junctional Communication Between Osteoblastic Cells. Journal of Bone and Mineral Research, 1998, 13, 218-228.	3.1	157

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19	The conditional connexin43G138R mouse mutant represents a new model of hereditary oculodentodigital dysplasia in humans. <i>Human Molecular Genetics</i> , 2008, 17, 539-554.	1.4	157
20	Dexamethasone, BMP-2, and 1,25-dihydroxyvitamin D enhance a more differentiated osteoblast phenotype: validation of an in vitro model for human bone marrow-derived primary osteoblasts. <i>Steroids</i> , 2004, 69, 219-226.	0.8	154
21	Effects of one-year treatment with estrogens on bone mass, intestinal calcium absorption, and 25-hydroxyvitamin D-1 α -hydroxylase reserve in postmenopausal osteoporosis. <i>Calcified Tissue International</i> , 1988, 42, 77-86.	1.5	153
22	One-Year Effects of Vitamin D and Calcium Supplementation on Chronic Periodontitis. <i>Journal of Periodontology</i> , 2011, 82, 25-32.	1.7	147
23	Human Osteoblasts Express a Repertoire of Cadherins, Which Are Critical for BMP-2-Induced Osteogenic Differentiation. <i>Journal of Bone and Mineral Research</i> , 1998, 13, 633-644.	3.1	146
24	Increased Prevalence of Celiac Disease and Need for Routine Screening Among Patients With Osteoporosis. <i>Archives of Internal Medicine</i> , 2005, 165, 393.	4.3	137
25	Intercellular Calcium Signaling Occurs between Human Osteoblasts and Osteoclasts and Requires Activation of Osteoclast P2X7 Receptors. <i>Journal of Biological Chemistry</i> , 2002, 277, 7574-7580.	1.6	134
26	Skeletal Metabolism, Fracture Risk, and Fracture Outcomes in Type 1 and Type 2 Diabetes. <i>Diabetes</i> , 2016, 65, 1757-1766.	0.3	132
27	Cross-Sectional Study of Vitamin D and Calcium Supplementation Effects on Chronic Periodontitis. <i>Journal of Periodontology</i> , 2009, 80, 1433-1439.	1.7	131
28	Osteoblast connexin43 modulates skeletal architecture by regulating both arms of bone remodeling. <i>Molecular Biology of the Cell</i> , 2011, 22, 1240-1251.	0.9	128
29	Estrogen status and heredity are major determinants of premenopausal bone mass.. <i>Journal of Clinical Investigation</i> , 1992, 90, 2464-2471.	3.9	127
30	Gap junctions in skeletal development and function. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2005, 1719, 69-81.	1.4	125
31	Gap Junctional Communication Modulates Gene Transcription by Altering the Recruitment of Sp1 and Sp3 to Connexin-response Elements in Osteoblast Promoters. <i>Journal of Biological Chemistry</i> , 2003, 278, 24377-24387.	1.6	121
32	Gap Junctions Regulate Extracellular Signal-regulated Kinase Signaling to Affect Gene Transcription. <i>Molecular Biology of the Cell</i> , 2005, 16, 64-72.	0.9	114
33	Safety Considerations with Bisphosphonates for the Treatment of Osteoporosis. <i>Drug Safety</i> , 2007, 30, 755-763.	1.4	111
34	Gasdermin D mediates the pathogenesis of neonatal-onset multisystem inflammatory disease in mice. <i>PLoS Biology</i> , 2018, 16, e3000047.	2.6	110
35	Relationship Between Low Bone Mineral Density and Fractures With Incident Cardiovascular Disease: A Systematic Review and Meta-Analysis. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1126-1135.	3.1	109
36	Regulation of connexin43 expression and function by prostaglandin E2 (PGE2) and parathyroid hormone (PTH) in osteoblastic cells. <i>Journal of Cellular Biochemistry</i> , 1998, 68, 8-21.	1.2	107

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37	Attenuated Response to In Vivo Mechanical Loading in Mice With Conditional Osteoblast Ablation of the Connexin43 Gene (<i>Gja1</i>). <i>Journal of Bone and Mineral Research</i> , 2008, 23, 879-886.	3.1	106
38	Bone Turnover in Bone Biopsies of Patients with Low-Energy Cortical Fractures Receiving Bisphosphonates: A Case Series. <i>Calcified Tissue International</i> , 2009, 85, 37-44.	1.5	105
39	Constitutively Activated NLRP3 Inflammasome Causes Inflammation and Abnormal Skeletal Development in Mice. <i>PLoS ONE</i> , 2012, 7, e35979.	1.1	105
40	Cell-to-cell interactions in bone. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 721-727.	1.0	101
41	Human Osteoblastic Cells Propagate Intercellular Calcium Signals by Two Different Mechanisms. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 1024-1032.	3.1	100
42	N-cadherin and cadherin 11 modulate postnatal bone growth and osteoblast differentiation by distinct mechanisms. <i>Journal of Cell Science</i> , 2010, 123, 2640-2648.	1.2	100
43	Efficacy and tolerability of intravenous ibandronate injections in postmenopausal osteoporosis: 2-year results from the DIVA study. <i>Journal of Rheumatology</i> , 2008, 35, 488-97.	1.0	99
44	Connexin45 Interacts with Zonula Occludens-1 and Connexin43 in Osteoblastic Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 23051-23055.	1.6	97
45	Targeted expression of a dominant-negative N-cadherin in vivo delays peak bone mass and increases adipogenesis. <i>Journal of Cell Science</i> , 2004, 117, 2853-2864.	1.2	97
46	Single nucleotide polymorphisms in the P2X7 gene are associated to fracture risk and to effect of estrogen treatment. <i>Pharmacogenetics and Genomics</i> , 2007, 17, 555-567.	0.7	92
47	Dissociation of Second Messenger Activation by Parathyroid Hormone Fragments in Osteosarcoma Cells*. <i>Endocrinology</i> , 1991, 128, 3032-3039.	1.4	91
48	Parathyroid Hormone-Related Peptide Transiently Increases Cytosolic Calcium in Osteoblast-Like Cells: Comparison with Parathyroid Hormone*. <i>Endocrinology</i> , 1989, 125, 1204-1210.	1.4	87
49	Relative abundance of different cadherins defines differentiation of mesenchymal precursors into osteogenic, myogenic, or adipogenic pathways. <i>Journal of Cellular Biochemistry</i> , 2000, 78, 566-577.	1.2	86
50	Cell-cell interactions in regulating osteogenesis and osteoblast function. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2005, 75, 72-80.	3.6	84
51	Connexin-43 in the osteogenic BM niche regulates its cellular composition and the bidirectional traffic of hematopoietic stem cells and progenitors. <i>Blood</i> , 2012, 119, 5144-5154.	0.6	82
52	Osteoblastic N-cadherin is not required for microenvironmental support and regulation of hematopoietic stem and progenitor cells. <i>Blood</i> , 2012, 120, 303-313.	0.6	81
53	N-cadherin in osteolineage cells is not required for maintenance of hematopoietic stem cells. <i>Blood</i> , 2012, 120, 295-302.	0.6	80
54	Deletion of Connexin43 in Osteoblasts/Osteocytes Leads to Impaired Muscle Formation in Mice. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 596-605.	3.1	79

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55	An effective regimen of intranasal salmon calcitonin in early postmenopausal bone loss. <i>Calcified Tissue International</i> , 1992, 50, 381-383.	1.5	77
56	Cadherin-Mediated Cell-Cell Adhesion and Signaling in the Skeleton. <i>Calcified Tissue International</i> , 2014, 94, 46-54.	1.5	75
57	Alveolar and Postcranial Bone Density in Postmenopausal Women Receiving Hormone/Estrogen Replacement Therapy. <i>Archives of Internal Medicine</i> , 2002, 162, 1409.	4.3	74
58	Activation of L-type Calcium Channels Is Required for Gap Junction-mediated Intercellular Calcium Signaling in Osteoblastic Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 4082-4086.	1.6	74
59	Connexin43 deficiency reduces the sensitivity of cortical bone to the effects of muscle paralysis. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 2151-2160.	3.1	70
60	Stimulation of human osteoblast differentiation and function by ipriflavone and its metabolites. <i>Calcified Tissue International</i> , 1994, 55, 356-362.	1.5	69
61	A Dominant Negative Cadherin Inhibits Osteoblast Differentiation. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 2362-2370.	3.1	69
62	Bone Loss after Temporarily Induced Muscle Paralysis by Botox Is Not Fully Recovered After 12 Weeks. <i>Annals of the New York Academy of Sciences</i> , 2007, 1116, 444-460.	1.8	66
63	Enhanced Periosteal and Endocortical Responses to Axial Tibial Compression Loading in Conditional Connexin43 Deficient Mice. <i>PLoS ONE</i> , 2012, 7, e44222.	1.1	66
64	Regulation of $\alpha 3$ and $\alpha 5$ integrins by dexamethasone in normal human osteoblastic cells. , 2000, 77, 265-276.		65
65	Second Messenger Signaling in the Regulation of Collagenase Production by Osteogenic Sarcoma Cells*. <i>Endocrinology</i> , 1989, 124, 2928-2934.	1.4	64
66	Attachment loss with postmenopausal age and smoking. <i>Journal of Periodontal Research</i> , 1997, 32, 619-625.	1.4	64
67	Bone matrix components activate the NLRP3 inflammasome and promote osteoclast differentiation. <i>Scientific Reports</i> , 2017, 7, 6630.	1.6	63
68	Perspective: Cell-Cell Adhesion and Signaling Through Cadherins: Connecting Bone Cells in Their Microenvironment. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 1821-1827.	3.1	61
69	Relationships Between Clinical Attachment Level and Spine and Hip Bone Mineral Density: Data From Healthy Postmenopausal Women. <i>Journal of Periodontology</i> , 2002, 73, 298-301.	1.7	58
70	NLRP3 mediates osteolysis through inflammation-dependent and -independent mechanisms. <i>FASEB Journal</i> , 2015, 29, 1269-1279.	0.2	58
71	In Vitro and In Vivo effects of ipriflavone on bone formation and bone biomechanics. <i>Calcified Tissue International</i> , 1997, 61, S12-S14.	1.5	56
72	p62 Is Required for Stem Cell/Progenitor Retention through Inhibition of IKK/NF- κ B/Ccl4 Signaling at the Bone Marrow Macrophage-Osteoblast Niche. <i>Cell Reports</i> , 2014, 9, 2084-2097.	2.9	56

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73	Interactions of Amelogenins with Octacalcium Phosphate Crystal Faces Are Dose Dependent. <i>Calcified Tissue International</i> , 2004, 74, 522-531.	1.5	55
74	Tibial Loading Increases Osteogenic Gene Expression and Cortical Bone Volume in Mature and Middle-Aged Mice. <i>PLoS ONE</i> , 2012, 7, e34980.	1.1	54
75	Molecular Mechanisms of Osteoblast/Osteocyte Regulation by Connexin43. <i>Calcified Tissue International</i> , 2014, 94, 55-67.	1.5	52
76	Connexins in the skeleton. <i>Seminars in Cell and Developmental Biology</i> , 2016, 50, 31-39.	2.3	50
77	An Intact N Terminus Is Required for the Anabolic Action of Parathyroid Hormone on Adult Female Rats. <i>Journal of Bone and Mineral Research</i> , 1997, 12, 384-392.	3.1	48
78	Depression, Antidepressants, and Bone Health in Older Adults: A Systematic Review. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 1434-1441.	1.3	43
79	Proliferation, Differentiation and Apoptosis in Connexin43-Null Osteoblasts. <i>Cell Communication and Adhesion</i> , 2001, 8, 367-371.	1.0	42
80	Age-Related Decline of Bone Mass and Intestinal Calcium Absorption in Normal Males. <i>Calcified Tissue International</i> , 1998, 63, 197-201.	1.5	40
81	Role of Connexin43 in Osteoblast Response to Physical Load. <i>Annals of the New York Academy of Sciences</i> , 2006, 1068, 214-224.	1.8	40
82	Effects of dietary calcium compared with calcium supplements on estrogen metabolism and bone mineral density. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 1428-1433.	2.2	40
83	Ipriflavone improves bone density and biomechanical properties of adult male rat bones. <i>Calcified Tissue International</i> , 1995, 56, 215-219.	1.5	38
84	Serotonin norepinephrine reuptake inhibitor therapy in late-life depression is associated with increased marker of bone resorption. <i>Osteoporosis International</i> , 2013, 24, 1741-1749.	1.3	38
85	Development of Mice with Osteoblast-Specific Connexin43 Gene Deletion. <i>Cell Communication and Adhesion</i> , 2003, 10, 445-450.	1.0	37
86	Estrogen and/or Calcium Plus Vitamin D Increase Mandibular Bone Mass. <i>Journal of Periodontology</i> , 2004, 75, 811-816.	1.7	37
87	Bisphosphonates improve trabecular bone mass and normalize cortical thickness in ovariectomized, osteoblast connexin43 deficient mice. <i>Bone</i> , 2012, 51, 787-794.	1.4	37
88	N-cadherin Restrains PTH Activation of Lrp6/ β 2-catenin Signaling and Osteoanabolic Action. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 274-285.	3.1	37
89	Bone density in white Brazilian women: Rapid loss at the time around the menopause. <i>Calcified Tissue International</i> , 1995, 56, 186-191.	1.5	36
90	Cell-Cell Communication in Bone. <i>Calcified Tissue International</i> , 1995, 56, S29-S31.	1.5	36

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91	Accentuated Ovariectomy-Induced Bone Loss and Altered Osteogenesis in Heterozygous N-Cadherin Null Mice. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 1897-1906.	3.1	36
92	Embryonic ablation of osteoblast <i>Smad4</i> interrupts matrix synthesis in response to canonical wnt signaling and causes an osteogenesis imperfecta-like phenotype. <i>Journal of Cell Science</i> , 2013, 126, 4974-84.	1.2	36
93	Differential regulation of cadherins by dexamethasone in human osteoblastic cells. , 2000, 77, 499-506.		35
94	The Oxidative Metabolism of Estradiol Conditions Postmenopausal Bone Density and Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 2513-2520.	3.1	35
95	Comparison of Morphological Measurements Extracted From Digitized Dental Radiographs With Lumbar and Femoral Bone Mineral Density Measurements in Postmenopausal Women. <i>Journal of Periodontology</i> , 2000, 71, 335-340.	1.7	35
96	Genomic approaches to identifying transcriptional regulators of osteoblast differentiation. <i>Genome Biology</i> , 2003, 4, 222.	13.9	35
97	Romosozumab improves lumbar spine bone mass and bone strength parameters relative to alendronate in postmenopausal women: results from the Active-Controlled Fracture Study in Postmenopausal Women With Osteoporosis at High Risk (ARCH) trial. <i>Journal of Bone and Mineral Research</i> , 2021, 36, 2139-2152.	3.1	35
98	Membrane potential and cation content of osteoblast-like cells (UMR 106) assessed by fluorescent dyes. <i>Journal of Cellular Physiology</i> , 1987, 131, 434-441.	2.0	34
99	A new concept for bisphosphonate therapy: a rationale for the development of monthly oral dosing of ibandronate. <i>Osteoporosis International</i> , 2006, 17, 159-166.	1.3	33
100	A dihydropyridine-sensitive calcium channel in rodent osteoblastic cells. <i>Calcified Tissue International</i> , 1989, 45, 54-57.	1.5	30
101	The Pattern of Alveolar Crest Height Change in Healthy Postmenopausal Women After 3 Years of Hormone/Estrogen Replacement Therapy. <i>Journal of Periodontology</i> , 2002, 73, 1279-1284.	1.7	29
102	Calcium and vitamin D use among adults in periodontal disease maintenance programmes. <i>British Dental Journal</i> , 2009, 206, 627-631.	0.3	29
103	Alveolar Bone Height and Postcranial Bone Mineral Density: Negative Effects of Cigarette Smoking and Parity. <i>Journal of Periodontology</i> , 2000, 71, 683-689.	1.7	28
104	Heterogeneous nuclear ribonucleoprotein K represses transcription from a cytosine/thymidine-rich element in the osteocalcin promoter. <i>Biochemical Journal</i> , 2005, 385, 613-623.	1.7	28
105	Single-cell analysis of cyclic AMP response to parathyroid hormone in osteoblastic cells. <i>Journal of Bone and Mineral Research</i> , 1994, 9, 1407-1417.	3.1	28
106	Microfibril-associated Glycoprotein-1, an Extracellular Matrix Regulator of Bone Remodeling. <i>Journal of Biological Chemistry</i> , 2010, 285, 23858-23867.	1.6	26
107	Dominant Negative N-Cadherin Inhibits Osteoclast Differentiation by Interfering With β -Catenin Regulation of RANKL, Independent of Cell-Cell Adhesion. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 2200-2212.	3.1	24
108	Bone Mineral Density and Risk of Heart Failure in Older Adults: The Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	24

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109	Cyclic AMP-dependent and calcium-dependent signals in parathyroid hormone function. <i>Experimental Gerontology</i> , 1990, 25, 223-231.	1.2	23
110	Low-magnitude whole-body vibration does not enhance the anabolic skeletal effects of intermittent PTH in adult mice. <i>Journal of Orthopaedic Research</i> , 2011, 29, 465-472.	1.2	23
111	Postnatal Ablation of Osteoblast <i>Smad4</i> Enhances Proliferative Responses to Canonical Wnt Signaling via Interactions with β -catenin. <i>Journal of Cell Science</i> , 2013, 126, 5598-609.	1.2	23
112	Estrogen action on the bone mass of postmenopausal women is dependent on body mass and initial bone density. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995, 80, 776-782.	1.8	23
113	Balancing benefits and risks of glucocorticoids in rheumatic diseases and other inflammatory joint disorders: new insights from emerging data. An expert consensus paper from the European Society for Clinical and Economic Aspects of Osteoporosis and Osteoarthritis (ESCEO). <i>Aging Clinical and Experimental Research</i> , 2016, 28, 1-16.	1.4	22
114	Chronic inflammation triggered by the NLRP3 inflammasome in myeloid cells promotes growth plate dysplasia by mesenchymal cells. <i>Scientific Reports</i> , 2017, 7, 4880.	1.6	22
115	Connexin45 Interacts with Zonula Occludens-1 in Osteoblastic Cells. <i>Cell Communication and Adhesion</i> , 2001, 8, 209-212.	1.0	20
116	A New Selective Estrogen Receptor Modulator, CHF 4227.01, Preserves Bone Mass and Microarchitecture in Ovariectomized Rats. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 2178-2188.	3.1	20
117	N-cadherin Regulation of Bone Growth and Homeostasis Is Osteolineage Stage-Specific. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1332-1342.	3.1	19
118	Risedronate increases osteoblastic differentiation and function through connexin43. <i>Biochemical and Biophysical Research Communications</i> , 2013, 432, 152-156.	1.0	18
119	Diagnosis and Management of Tumor-induced Osteomalacia: Perspectives From Clinical Experience. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab099.	0.1	18
120	Central osteosclerosis with ectodermal dysplasia: Clinical, laboratory, radiologic, and histopathologic characterization with review of the literature. <i>Journal of Bone and Mineral Research</i> , 1989, 4, 863-875.	3.1	17
121	Connexin43 modulates post-natal cortical bone modeling and mechano-responsiveness. <i>BoneKey Reports</i> , 2013, 2, 446.	2.7	17
122	Genetic variation in the serotonin transporter and HTR1B receptor predicts reduced bone formation during serotonin reuptake inhibitor treatment in older adults. <i>World Journal of Biological Psychiatry</i> , 2014, 15, 404-410.	1.3	17
123	Cytoplasmic pH regulation in canine renal proximal tubule cells. <i>Kidney International</i> , 1987, 31, 1113-1120.	2.6	16
124	Is there an effective treatment for glucocorticoid-induced osteoporosis?. <i>Calcified Tissue International</i> , 1991, 49, 141-142.	1.5	16
125	The role of vitamin D metabolites in the treatment of osteoporosis. <i>Calcified Tissue International</i> , 1995, 57, 409-414.	1.5	16
126	Patient Satisfaction in Postmenopausal Women Treated with a Weekly Bisphosphonate Transitioned to Once-Monthly Ibandronate. <i>Journal of Women's Health</i> , 2009, 18, 935-943.	1.5	16

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127	Does Interleukin-1 affect intracellular calcium in osteoblast-like cells (UMR-106)?. <i>Journal of Bone and Mineral Research</i> , 1988, 3, 107-112.	3.1	16
128	<i>ATRAID</i> regulates the action of nitrogen-containing bisphosphonates on bone. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	15
129	Calcitonin and estrogens. <i>Journal of Endocrinological Investigation</i> , 1990, 13, 625-630.	1.8	14
130	The oxidative metabolism of estrogen modulates response to ERT/HRT in postmenopausal women. <i>Bone</i> , 2004, 35, 682-688.	1.4	14
131	Connexin43 Modulation of Osteoblast/Osteocyte Apoptosis: A Potential Therapeutic Target?. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 1709-1711.	3.1	14
132	Cell-Cell Signaling: Broadening Our View of the Basic Multicellular Unit. <i>Calcified Tissue International</i> , 2014, 94, 2-3.	1.5	14
133	Bone Turnover with Venlafaxine Treatment in Older Adults with Depression. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 2057-2063.	1.3	14
134	Biological activity of different calcitonins in men. <i>Experimental Gerontology</i> , 1990, 25, 339-347.	1.2	13
135	Impaired intramembranous bone formation in connexin43 null mice. <i>Bone</i> , 1998, 23, S149-S653.	1.4	13
136	Use of intravenous bisphosphonates in osteoporosis. <i>Current Osteoporosis Reports</i> , 2007, 5, 8-13.	1.5	13
137	Gain-of-Function Lrp5 Mutation Improves Bone Mass and Strength and Delays Hyperglycemia in a Mouse Model of Insulin-Deficient Diabetes. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1403-1415.	3.1	13
138	Sequence and Structure of the Mouse Connexin45 Gene. <i>Bioscience Reports</i> , 2001, 21, 683-689.	1.1	12
139	Connexin 43 Is Necessary for Murine Tendon Enthesis Formation and Response to Loading. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1494-1503.	3.1	11
140	Osterix-Cre marks distinct subsets of CD45- and CD45+ stromal populations in extra-skeletal tumors with pro-tumorigenic characteristics. <i>ELife</i> , 2020, 9, .	2.8	11
141	Effect of estrogen and calcitonin on vertebral bone density and vertebral height in osteoporotic women. <i>Osteoporosis International</i> , 1992, 2, 70-73.	1.3	10
142	The pro-osteogenic action of β -catenin requires interaction with BMP signaling, but not Tcf/Lef transcriptional activity. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 942-952.	1.2	10
143	Evaluating Acetate Metabolism for Imaging and Targeting in Multiple Myeloma. <i>Clinical Cancer Research</i> , 2017, 23, 416-429.	3.2	10
144	Effect of peripheral neuropathy on bone mineral density in adults with diabetes: A systematic review of the literature and meta-analysis. <i>Bone</i> , 2021, 147, 115932.	1.4	8

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145	Sclerostin Resistance Protects Bone Mass and Retards the Onset of Metabolic Abnormalities in a Mouse Model of Type 1 Diabetes. <i>Diabetes</i> , 2018, 67, 1701-P.	0.3	8
146	New Guidelines for Data Reporting and Statistical Analysis: Helping Authors With Transparency and Rigor in Research. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1981-1984.	3.1	7
147	P2-mediated responses in osteoclasts and osteoclast-like cells. <i>Drug Development Research</i> , 2001, 53, 126-129.	1.4	6
148	Maintaining the Trust of Physicians and the Public in the Medical Literature: Report of a Task Force on Scientific Publishing of Clinical Trials. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1661-1667.	3.1	6
149	Alveolar bone measurement precision for phosphor-plate images. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, e96-e107.	1.6	6
150	Heterozygous deletion of both sclerostin (Sost) and connexin43 (Gja1) genes in mice is not sufficient to impair cortical bone modeling. <i>PLoS ONE</i> , 2017, 12, e0187980.	1.1	6
151	Intercellular junctions and cell-cell communication in the skeletal system. , 2020, , 423-442.		6
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