Roberto Civitelli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9132900/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Opposite Bone Remodeling Effects of Teriparatide and Alendronate in Increasing Bone Mass. Archives of Internal Medicine, 2005, 165, 1762.	3.8	385
2	Connexin43 Deficiency Causes Delayed Ossification, Craniofacial Abnormalities, and Osteoblast Dysfunction. Journal of Cell Biology, 2000, 151, 931-944.	5.2	357
3	Bone turnover in postmenopausal osteoporosis. Effect of calcitonin treatment Journal of Clinical Investigation, 1988, 82, 1268-1274.	8.2	333
4	Subclinical Vitamin D Deficiency in Postmenopausal Women with Low Vertebral Bone Mass*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 628-634.	3.6	259
5	ATP- and Gap Junction–dependent Intercellular Calcium Signaling in Osteoblastic Cells. Journal of Cell Biology, 1997, 139, 497-506.	5.2	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.	2.1	238
8	Estrogen Preserves a Normal Intestinal Responsiveness to 1,25-Dihydroxyvitamin D ₃ in Oophorectomized Women*. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 1288-1293.	3.6	233
9	Stimulation of inositol trisphosphate and diacylglycerol production in renal tubular cells by parathyroid hormone Journal of Clinical Investigation, 1987, 79, 230-239.	8.2	228
10	Cell–cell communication in the osteoblast/osteocyte lineage. Archives of Biochemistry and Biophysics, 2008, 473, 188-192.	3.0	227
11	Risedronate Rapidly Reduces the Risk for Nonvertebral Fractures in Women with Postmenopausal Osteoporosis. Calcified Tissue International, 2004, 74, 129-135.	3.1	211
12	Connexin43 mediates direct intercellular communication in human osteoblastic cell networks Journal of Clinical Investigation, 1993, 91, 1888-1896.	8.2	210
13	?-Catenin and BMP-2 synergize to promote osteoblast differentiation and new bone formation. Journal of Cellular Biochemistry, 2005, 94, 403-418.	2.6	203
14	Nongenomic Activation of the Calcium Message System by Vitamin D Metabolites in Osteoblast-like Cells. Endocrinology, 1990, 127, 2253-2262.	2.8	175
15	Bone turnover markers: understanding their value in clinical trials and clinical practice. Osteoporosis International, 2009, 20, 843-851.	3.1	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.	2.0	161
17	Transfected connexin45 alters gap junction permeability in cells expressing endogenous connexin43 Journal of Cell Biology, 1995, 130, 987-995.	5.2	160
18	Cyclic Stretch Enhances Gap Junctional Communication Between Osteoblastic Cells. Journal of Bone and Mineral Research, 1998, 13, 218-228.	2.8	157

#	Article	IF	CITATIONS
19	The conditional connexin43G138R mouse mutant represents a new model of hereditary oculodentodigital dysplasia in humans. Human Molecular Genetics, 2008, 17, 539-554.	2.9	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. Steroids, 2004, 69, 219-226.	1.8	154
21	Effects of one-year treatment with estrogens on bone mass, intestinal calcium absorption, and 25-hydroxyvitamin D-1α-hydroxylase reserve in postmenopausal osteoporosis. Calcified Tissue International, 1988, 42, 77-86.	3.1	153
22	One‥ear Effects of Vitamin D and Calcium Supplementation on Chronic Periodontitis. Journal of Periodontology, 2011, 82, 25-32.	3.4	147
23	Human Osteoblasts Express a Repertoire of Cadherins, Which Are Critical for BMP-2-Induced Osteogenic Differentiation. Journal of Bone and Mineral Research, 1998, 13, 633-644.	2.8	146
24	Increased Prevalence of Celiac Disease and Need for Routine Screening Among Patients With Osteoporosis. Archives of Internal Medicine, 2005, 165, 393.	3.8	137
25	Intercellular Calcium Signaling Occurs between Human Osteoblasts and Osteoclasts and Requires Activation of Osteoclast P2X7 Receptors. Journal of Biological Chemistry, 2002, 277, 7574-7580.	3.4	134
26	Skeletal Metabolism, Fracture Risk, and Fracture Outcomes in Type 1 and Type 2 Diabetes. Diabetes, 2016, 65, 1757-1766.	0.6	132
27	Crossâ€Sectional Study of Vitamin D and Calcium Supplementation Effects on Chronic Periodontitis. Journal of Periodontology, 2009, 80, 1433-1439.	3.4	131
28	Osteoblast connexin43 modulates skeletal architecture by regulating both arms of bone remodeling. Molecular Biology of the Cell, 2011, 22, 1240-1251.	2.1	128
29	Estrogen status and heredity are major determinants of premenopausal bone mass Journal of Clinical Investigation, 1992, 90, 2464-2471.	8.2	127
30	Gap junctions in skeletal development and function. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1719, 69-81.	2.6	125
31	Gap Junctional Communication Modulates Gene Transcription by Altering the Recruitment of Sp1 and Sp3 to Connexin-response Elements in Osteoblast Promoters. Journal of Biological Chemistry, 2003, 278, 24377-24387.	3.4	121
32	Gap Junctions Regulate Extracellular Signal-regulated Kinase Signaling to Affect Gene Transcription. Molecular Biology of the Cell, 2005, 16, 64-72.	2.1	114
33	Safety Considerations with Bisphosphonates for the Treatment of Osteoporosis. Drug Safety, 2007, 30, 755-763.	3.2	111
34	Gasdermin D mediates the pathogenesis of neonatal-onset multisystem inflammatory disease in mice. PLoS Biology, 2018, 16, e3000047.	5.6	110
35	Relationship Between Low Bone Mineral Density and Fractures With Incident Cardiovascular Disease: A Systematic Review and Meta-Analysis. Journal of Bone and Mineral Research, 2017, 32, 1126-1135.	2.8	109
36	Regulation of connexin43 expression and function by prostaglandin E2 (PGE2) and parathyroid hormone (PTH) in osteoblastic cells. Journal of Cellular Biochemistry, 1998, 68, 8-21.	2.6	107

#	Article	IF	CITATIONS
37	Attenuated Response to In Vivo Mechanical Loading in Mice With Conditional Osteoblast Ablation of the Connexin43 Gene (<i>Gja1</i>). Journal of Bone and Mineral Research, 2008, 23, 879-886.	2.8	106
38	Bone Turnover in Bone Biopsies of Patients with Low-Energy Cortical Fractures Receiving Bisphosphonates: A Case Series. Calcified Tissue International, 2009, 85, 37-44.	3.1	105
39	Constitutively Activated NLRP3 Inflammasome Causes Inflammation and Abnormal Skeletal Development in Mice. PLoS ONE, 2012, 7, e35979.	2.5	105
40	Cell-to-cell interactions in bone. Biochemical and Biophysical Research Communications, 2005, 328, 721-727.	2.1	101
41	Human Osteoblastic Cells Propagate Intercellular Calcium Signals by Two Different Mechanisms. Journal of Bone and Mineral Research, 2000, 15, 1024-1032.	2.8	100
42	N-cadherin and cadherin 11 modulate postnatal bone growth and osteoblast differentiation by distinct mechanisms. Journal of Cell Science, 2010, 123, 2640-2648.	2.0	100
43	Efficacy and tolerability of intravenous ibandronate injections in postmenopausal osteoporosis: 2-year results from the DIVA study. Journal of Rheumatology, 2008, 35, 488-97.	2.0	99
44	Connexin45 Interacts with Zonula Occludens-1 and Connexin43 in Osteoblastic Cells. Journal of Biological Chemistry, 2001, 276, 23051-23055.	3.4	97
45	Targeted expression of a dominant-negative N-cadherin in vivo delays peak bone mass and increases adipogenesis. Journal of Cell Science, 2004, 117, 2853-2864.	2.0	97
46	Single nucleotide polymorphisms in the P2X7 gene are associated to fracture risk and to effect of estrogen treatment. Pharmacogenetics and Genomics, 2007, 17, 555-567.	1.5	92
47	Dissociation of Second Messenger Activation by Parathyroid Hormone Fragments in Osteosarcoma Cells*. Endocrinology, 1991, 128, 3032-3039.	2.8	91
48	Parathyroid Hormone-Related Peptide Transiently Increases Cytosolic Calcium in Osteoblast-Like Cells: Comparison with Parathyroid Hormone*. Endocrinology, 1989, 125, 1204-1210.	2.8	87
49	Relative abundance of different cadherins defines differentiation of mesenchymal precursors into osteogenic, myogenic, or adipogenic pathways. Journal of Cellular Biochemistry, 2000, 78, 566-577.	2.6	86
50	Cellâ€cell interactions in regulating osteogenesis and osteoblast function. Birth Defects Research Part C: Embryo Today Reviews, 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. Blood, 2012, 119, 5144-5154.	1.4	82
52	Osteoblastic N-cadherin is not required for microenvironmental support and regulation of hematopoietic stem and progenitor cells. Blood, 2012, 120, 303-313.	1.4	81
53	N-cadherin in osteolineage cells is not required for maintenance of hematopoietic stem cells. Blood, 2012, 120, 295-302.	1.4	80
54	Deletion of Connexin43 in Osteoblasts/Osteocytes Leads to Impaired Muscle Formation in Mice. Journal of Bone and Mineral Research, 2015, 30, 596-605.	2.8	79

#	Article	IF	CITATIONS
55	An effective regimen of intranasal salmon calcitonin in early postmenopausal bone loss. Calcified Tissue International, 1992, 50, 381-383.	3.1	77
56	Cadherin-Mediated Cell–Cell Adhesion and Signaling in the Skeleton. Calcified Tissue International, 2014, 94, 46-54.	3.1	75
57	Alveolar and Postcranial Bone Density in Postmenopausal Women Receiving Hormone/Estrogen Replacement Therapy. Archives of Internal Medicine, 2002, 162, 1409.	3.8	74
58	Activation of L-type Calcium Channels Is Required for Gap Junction-mediated Intercellular Calcium Signaling in Osteoblastic Cells. Journal of Biological Chemistry, 2003, 278, 4082-4086.	3.4	74
59	Connexin43 deficiency reduces the sensitivity of cortical bone to the effects of muscle paralysis. Journal of Bone and Mineral Research, 2011, 26, 2151-2160.	2.8	70
60	Stimulation of human osteoblast differentiation and function by ipriflavone and its metabolites. Calcified Tissue International, 1994, 55, 356-362.	3.1	69
61	A Dominant Negative Cadherin Inhibits Osteoblast Differentiation. Journal of Bone and Mineral Research, 2000, 15, 2362-2370.	2.8	69
62	Bone Loss after Temporarily Induced Muscle Paralysis by Botox Is Not Fully Recovered After 12 Weeks. Annals of the New York Academy of Sciences, 2007, 1116, 444-460.	3.8	66
63	Enhanced Periosteal and Endocortical Responses to Axial Tibial Compression Loading in Conditional Connexin43 Deficient Mice. PLoS ONE, 2012, 7, e44222.	2.5	66
64	Regulation of ?V?3 and ?V?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*. Endocrinology, 1989, 124, 2928-2934.	2.8	64
66	Attachment loss with postmenopausal age and smoking. Journal of Periodontal Research, 1997, 32, 619-625.	2.7	64
67	Bone matrix components activate the NLRP3 inflammasome and promote osteoclast differentiation. Scientific Reports, 2017, 7, 6630.	3.3	63
68	Perspective: Cell-Cell Adhesion and Signaling Through Cadherins: Connecting Bone Cells in Their Microenvironment. Journal of Bone and Mineral Research, 2006, 21, 1821-1827.	2.8	61
69	Relationships Between Clinical Attachment Level and Spine and Hip Bone Mineral Density: Data From Healthy Postmenopausal Women. Journal of Periodontology, 2002, 73, 298-301.	3.4	58
70	NLRP3 mediates osteolysis through inflammationâ€dependent and â€independent mechanisms. FASEB Journal, 2015, 29, 1269-1279.	0.5	58
71	In Vitro and In Vivo effects of ipriflavone on bone formation and bone biomechanics. Calcified Tissue International, 1997, 61, S12-S14.	3.1	56
72	p62 Is Required for Stem Cell/Progenitor Retention through Inhibition of IKK/NF-κB/Ccl4 Signaling at the Bone Marrow Macrophage-Osteoblast Niche. Cell Reports, 2014, 9, 2084-2097.	6.4	56

#	Article	IF	CITATIONS
73	Interactions of Amelogenins with Octacalcium Phosphate Crystal Faces Are Dose Dependent. Calcified Tissue International, 2004, 74, 522-531.	3.1	55
74	Tibial Loading Increases Osteogenic Gene Expression and Cortical Bone Volume in Mature and Middle-Aged Mice. PLoS ONE, 2012, 7, e34980.	2.5	54
75	Molecular Mechanisms of Osteoblast/Osteocyte Regulation by Connexin43. Calcified Tissue International, 2014, 94, 55-67.	3.1	52
76	Connexins in the skeleton. Seminars in Cell and Developmental Biology, 2016, 50, 31-39.	5.0	50
77	An Intact N Terminus Is Required for the Anabolic Action of Parathyroid Hormone on Adult Female Rats. Journal of Bone and Mineral Research, 1997, 12, 384-392.	2.8	48
78	Depression, Antidepressants, and Bone Health in Older Adults: A Systematic Review. Journal of the American Geriatrics Society, 2014, 62, 1434-1441.	2.6	43
79	Proliferation, Differentiation and Apoptosis in Connexin43-Null Osteoblasts. Cell Communication and Adhesion, 2001, 8, 367-371.	1.0	42
80	Age-Related Decline of Bone Mass and Intestinal Calcium Absorption in Normal Males. Calcified Tissue International, 1998, 63, 197-201.	3.1	40
81	Role of Connexin43 in Osteoblast Response to Physical Load. Annals of the New York Academy of Sciences, 2006, 1068, 214-224.	3.8	40
82	Effects of dietary calcium compared with calcium supplements on estrogen metabolism and bone mineral density. American Journal of Clinical Nutrition, 2007, 85, 1428-1433.	4.7	40
83	Ipriflavone improves bone density and biomechanical properties of adult male rat bones. Calcified Tissue International, 1995, 56, 215-219.	3.1	38
84	Serotonin–norepinephrine reuptake inhibitor therapy in late-life depression is associated with increased marker of bone resorption. Osteoporosis International, 2013, 24, 1741-1749.	3.1	38
85	Development of Mice with Osteoblast-Specific Connexin43 Gene Deletion. Cell Communication and Adhesion, 2003, 10, 445-450.	1.0	37
86	Estrogen and/or Calcium Plus Vitamin D Increase Mandibular Bone Mass. Journal of Periodontology, 2004, 75, 811-816.	3.4	37
87	Bisphosphonates improve trabecular bone mass and normalize cortical thickness in ovariectomized, osteoblast connexin43 deficient mice. Bone, 2012, 51, 787-794.	2.9	37
88	N-cadherin Restrains PTH Activation of Lrp6/β-catenin Signaling and Osteoanabolic Action. Journal of Bone and Mineral Research, 2015, 30, 274-285.	2.8	37
89	Bone density in white Brazilian women: Rapid loss at the time around the menopause. Calcified Tissue International, 1995, 56, 186-191.	3.1	36
90	Cell-Cell Communication in Bone. Calcified Tissue International, 1995, 56, S29-S31.	3.1	36

6

#	Article	IF	CITATIONS
91	Accentuated Ovariectomy-Induced Bone Loss and Altered Osteogenesis in Heterozygous N-Cadherin Null Mice. Journal of Bone and Mineral Research, 2006, 21, 1897-1906.	2.8	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. Journal of Cell Science, 2013, 126, 4974-84.	2.0	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. Journal of Bone and Mineral Research, 2000, 15, 2513-2520.	2.8	35
95	Comparison of Morphological Measurements Extracted From Digitized Dental Radiographs With Lumbar and Femoral Bone Mineral Density Measurements in Postmenopausal Women. Journal of Periodontology, 2000, 71, 335-340.	3.4	35
96	Genomic approaches to identifying transcriptional regulators of osteoblast differentiation. Genome Biology, 2003, 4, 222.	9.6	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. Journal of Bone and Mineral Research, 2021, 36, 2139-2152.	2.8	35
98	Membrane potential and cation content of osteoblast-like cells (UMR 106) assessed by fluorescent dyes. Journal of Cellular Physiology, 1987, 131, 434-441.	4.1	34
99	A new concept for bisphosphonate therapy: a rationale for the development of monthly oral dosing of ibandronate. Osteoporosis International, 2006, 17, 159-166.	3.1	33
100	A dihydropyridine-sensitive calcium channel in rodent osteoblastic cells. Calcified Tissue International, 1989, 45, 54-57.	3.1	30
101	The Pattern of Alveolar Crest Height Change in Healthy Postmenopausal Women After 3 Years of Hormone/Estrogen Replacement Therapy. Journal of Periodontology, 2002, 73, 1279-1284.	3.4	29
102	Calcium and vitamin D use among adults in periodontal disease maintenance programmes. British Dental Journal, 2009, 206, 627-631.	0.6	29
103	Alveolar Bone Height and Postcranial Bone Mineral Density: Negative Effects of Cigarette Smoking and Parity. Journal of Periodontology, 2000, 71, 683-689.	3.4	28
104	Heterogeneous nuclear ribonucleoprotein K represses transcription from a cytosine/thymidine-rich element in the osteocalcin promoter. Biochemical Journal, 2005, 385, 613-623.	3.7	28
105	Single-cell analysis of cyclic AMP response to parathyroid hormone in osteoblastic cells. Journal of Bone and Mineral Research, 1994, 9, 1407-1417.	2.8	28
106	Microfibril-associated Glycoprotein-1, an Extracellular Matrix Regulator of Bone Remodeling. Journal of Biological Chemistry, 2010, 285, 23858-23867.	3.4	26
107	Dominant Negative N-Cadherin Inhibits Osteoclast Differentiation by Interfering With Î ² -Catenin Regulation of RANKL, Independent of Cell-Cell Adhesion. Journal of Bone and Mineral Research, 2005, 20, 2200-2212.	2.8	24
108	Bone Mineral Density and Risk of Heart Failure in Older Adults: The Cardiovascular Health Study. Journal of the American Heart Association, 2017, 6, .	3.7	24

#	Article	IF	CITATIONS
109	Cyclic AMP-dependent and calcium-dependent signals in parathyroid hormone function. Experimental Gerontology, 1990, 25, 223-231.	2.8	23
110	Lowâ€magnitude wholeâ€body vibration does not enhance the anabolic skeletal effects of intermittent PTH in adult mice. Journal of Orthopaedic Research, 2011, 29, 465-472.	2.3	23
111	Postnatal Ablation of Osteoblast <i>Smad4</i> Enhances Proliferative Responses to Canonical Wnt Signaling via Interactions with β-catenin. Journal of Cell Science, 2013, 126, 5598-609.	2.0	23
112	Estrogen action on the bone mass of postmenopausal women is dependent on body mass and initial bone density. Journal of Clinical Endocrinology and Metabolism, 1995, 80, 776-782.	3.6	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). Aging Clinical and Experimental Research, 2016, 28, 1-16.	2.9	22
114	Chronic inflammation triggered by the NLRP3 inflammasome in myeloid cells promotes growth plate dysplasia by mesenchymal cells. Scientific Reports, 2017, 7, 4880.	3.3	22
115	Connexin45 Interacts with Zonula Occludens-1 in Osteoblastic Cells. Cell Communication and Adhesion, 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. Journal of Bone and Mineral Research, 2005, 20, 2178-2188.	2.8	20
117	Nâ€cadherin Regulation of Bone Growth and Homeostasis Is Osteolineage Stage–Specific. Journal of Bone and Mineral Research, 2017, 32, 1332-1342.	2.8	19
118	Risedronate increases osteoblastic differentiation and function through connexin43. Biochemical and Biophysical Research Communications, 2013, 432, 152-156.	2.1	18
119	Diagnosis and Management of Tumor-induced Osteomalacia: Perspectives From Clinical Experience. Journal of the Endocrine Society, 2021, 5, bvab099.	0.2	18
120	Central osteosclerosis with ectodermal dysplasia: Clinical, laboratory, radiologic, and histopathologic characterization with review of the literature. Journal of Bone and Mineral Research, 1989, 4, 863-875.	2.8	17
121	Connexin43 modulates post-natal cortical bone modeling and mechano-responsiveness. BoneKEy Reports, 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. World Journal of Biological Psychiatry, 2014, 15, 404-410.	2.6	17
123	Cytoplasmic pH regulation in canine renal proximal tubule cells. Kidney International, 1987, 31, 1113-1120.	5.2	16
124	Is there an effective treatment for glucocorticoid-induced osteoporosis?. Calcified Tissue International, 1991, 49, 141-142.	3.1	16
125	The role of vitamin D metabolites in the treatment of osteoporosis. Calcified Tissue International, 1995, 57, 409-414.	3.1	16
126	Patient Satisfaction in Postmenopausal Women Treated with a Weekly Bisphosphonate Transitioned to Once-Monthly Ibandronate. Journal of Women's Health, 2009, 18, 935-943.	3.3	16

#	Article	IF	CITATIONS
127	Does Interleukin-1 affect intracellular calcium in osteoblast-like cells (UMR-106)?. Journal of Bone and Mineral Research, 1988, 3, 107-112.	2.8	16
128	<i>ATRAID</i> regulates the action of nitrogen-containing bisphosphonates on bone. Science Translational Medicine, 2020, 12, .	12.4	15
129	Calcitonin and estrogens. Journal of Endocrinological Investigation, 1990, 13, 625-630.	3.3	14
130	The oxidative metabolism of estrogen modulates response to ERT/HRT in postmenopausal women. Bone, 2004, 35, 682-688.	2.9	14
131	Connexin43 Modulation of Osteoblast/Osteocyte Apoptosis: A Potential Therapeutic Target?. Journal of Bone and Mineral Research, 2008, 23, 1709-1711.	2.8	14
132	Cell–Cell Signaling: Broadening Our View of the Basic Multicellular Unit. Calcified Tissue International, 2014, 94, 2-3.	3.1	14
133	Bone Turnover with Venlafaxine Treatment in Older Adults with Depression. Journal of the American Geriatrics Society, 2017, 65, 2057-2063.	2.6	14
134	Biological activity of different calcitonins in men. Experimental Gerontology, 1990, 25, 339-347.	2.8	13
135	Impaired intramembranous bone formation in connexin43 null mice. Bone, 1998, 23, S149-S653.	2.9	13
136	Use of intravenous bisphosphonates in osteoporosis. Current Osteoporosis Reports, 2007, 5, 8-13.	3.6	13
137	Cain-of-Function Lrp5 Mutation Improves Bone Mass and Strength and Delays Hyperglycemia in a Mouse Model of Insulin-Deficient Diabetes. Journal of Bone and Mineral Research, 2020, 36, 1403-1415.	2.8	13
138	Sequence and Structure of the Mouse Connexin45 Gene. Bioscience Reports, 2001, 21, 683-689.	2.4	12
139	Connexin 43 Is Necessary for Murine Tendon Enthesis Formation and Response to Loading. Journal of Bone and Mineral Research, 2020, 35, 1494-1503.	2.8	11
140	Osterix-Cre marks distinct subsets of CD45- and CD45+ stromal populations in extra-skeletal tumors with pro-tumorigenic characteristics. ELife, 2020, 9, .	6.0	11
141	Effect of estrogen and calcitonin on vertebral bone density and vertebral height in osteoporotic women. Osteoporosis International, 1992, 2, 70-73.	3.1	10
142	The proâ€osteogenic action of βâ€catenin requires interaction with BMP signaling, but not Tcf/Lef transcriptional activity. Journal of Cellular Biochemistry, 2008, 104, 942-952.	2.6	10
143	Evaluating Acetate Metabolism for Imaging and Targeting in Multiple Myeloma. Clinical Cancer Research, 2017, 23, 416-429.	7.0	10
144	Effect of peripheral neuropathy on bone mineral density in adults with diabetes: A systematic review of the literature and meta-analysis. Bone, 2021, 147, 115932.	2.9	8

#	Article	IF	CITATIONS
145	Sclerostin Resistance Protects Bone Mass and Retards the Onset of Metabolic Abnormalities in a Mouse Model of Type 1 Diabetes. Diabetes, 2018, 67, 1701-P.	0.6	8
146	New Guidelines for Data Reporting and Statistical Analysis: Helping Authors With Transparency and Rigor in Research. Journal of Bone and Mineral Research, 2019, 34, 1981-1984.	2.8	7
147	P2-mediated responses in osteoclasts and osteoclast-like cells. Drug Development Research, 2001, 53, 126-129.	2.9	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. Journal of Bone and Mineral Research, 2007, 22, 1661-1667.	2.8	6
149	Alveolar bone measurement precision for phosphor-plate images. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 108, e96-e107.	1.4	6
150	Heterozygous deletion of both sclerostin (Sost) and connexin43 (Gja1) genes in mice is not sufficient to impair cortical bone modeling. PLoS ONE, 2017, 12, e0187980.	2.5	6
151	Intercellular junctions and cell–cell communication in the skeletal system. , 2020, , 423-442.		6
152	Monitoring cytosolic calcium in parathyroid hormone target cells: Osteoblasts and renal epithelia. Cytotechnology, 1991, 13, 217-227.	0.3	5
153	A Functional Assay to Assess Connexin 43-Mediated Cell-to-Cell Communication of Second Messengers in Cultured Bone Cells. Methods in Molecular Biology, 2016, 1437, 193-201.	0.9	5
154	Effect of L-lysine on cytosolic calcium homeostasis in cultured human normal fibroblasts. Calcified Tissue International, 1989, 45, 193-197.	3.1	4
155	Estrogen status and bone mass in the premenopausal period: Is osteoporosis a developmental disease?. Journal of Endocrinological Investigation, 1993, 16, 829-839.	3.3	4
156	Does vitamin D receptor gene polymorphism affect bone mineral density and calcium absorption?. Current Opinion in Gastroenterology, 1998, 14, 164-172.	2.3	4
157	Osteoblast–osteoclast communication. Current Opinion in Orthopaedics, 1999, 10, 367-373.	0.3	3
158	Intercellular Junctions and Cell–Cell Communication in the Skeletal System. , 2008, , 425-445.		3
159	The Rise of Research Integrity: Everyone Will Play a Role. Journal of Bone and Mineral Research, 2018, 33, 1914-1915.	2.8	3
160	Relative abundance of different cadherins defines differentiation of mesenchymal precursors into osteogenic, myogenic, or adipogenic pathways. Journal of Cellular Biochemistry, 2000, 78, 566-577.	2.6	3
161	Intercellular Junctions and Cell-Cell Communication in Bone. , 2002, , 287-302.		3
162	Cell-Cell Communication in Bone. Advances in Organ Biology, 1998, , 543-564.	0.1	2

#	Article	IF	CITATIONS
163	Molecular Actions of Parathyroid Hormone. , 2015, , 119-126.		2
164	Scientific Editing in the <scp>COVID</scp> â€19 Era—Personal Vignettes from the <scp><i>JBMR</i></scp> Editors. Journal of Bone and Mineral Research, 2020, 35, 1005-1008.	2.8	2
165	Pathophysiology of Calcium, Phosphate, and Magnesium Absorption. , 1998, , 165-205.		2
166	Intercellular Junctions and Cell-Cell Communication in Bone. , 2002, , 287-302.		2
167	Unsung Heroes of Research Integrity. Journal of Bone and Mineral Research, 2020, 36, 2287-2289.	2.8	2
168	Intake and absorption of mineral nutrients. Current Opinion in Gastroenterology, 1996, 12, 190-198.	2.3	1
169	Connexins in Skeletal Biology. , 2009, , 371-386.		1
170	The Association of Pelvic Bone Mineral Density and with Proximal Femoral and Spine Bone Mineral Density in Post-menopausal Women. Journal of Clinical Densitometry, 2022, , .	1.2	1
171	Dawning of a New Era at CTI. Calcified Tissue International, 2000, 67, 1-1.	3.1	0
172	"In Memoriam." Carlo Gennari, M.D. (July 27, 1932-August 6, 2002). Calcified Tissue International, 2002, 71, 463-464.	3.1	0
173	Genetic variation in the serotonin transporter and serotonin 1B receptor predicts reduced bone formation during serotonin-reuptake inhibitor treatment in older adults. American Journal of Geriatric Psychiatry, 2013, 21, S157-S158.	1.2	0
174	Casting New Light on the Sunshine Vitamin. Calcified Tissue International, 2013, 92, 75-76.	3.1	0
175	Calcitonin in Osteoporosis. , 2013, , 1839-1858.		0
176	Toward personalized calcium and vitamin D supplementation. American Journal of Clinical Nutrition, 2017, 105, 777-778.	4.7	0
177	Changing of the Guard. Journal of Bone and Mineral Research, 2018, 33, 3-4.	2.8	0
178	Focusing on the Science: <i>JBMR</i> Manuscript Types. Journal of Bone and Mineral Research, 2018, 33, 1556-1557.	2.8	0
179	N-cadherin in osteolineage cells modulates stromal support of tumor growth. Journal of Bone Oncology, 2021, 28, 100356.	2.4	0
180	Calcitonin in osteoporosis. , 2021, , 1771-1790.		0

#	Article	IF	CITATIONS
181	Calcitonin for Treatment of Osteoporosis. , 2001, , 651-673.		0
182	Calcitonin in Osteoporosis. , 2008, , 1743-1765.		0
183	Connexin-43 Regulates the Cell Cycle Entry of Hematopoietic Stem Cells within the Stem Cell Niche Blood, 2009, 114, 1500-1500.	1.4	0
184	Parathyroid Hormone Receptor Coupling to Phospholipase C is an Alternate Pathway of Signal Transduction in the Bone and Kidney. , 1991, , 1499-1508.		0
185	Application of Fluorescence Techniques to Bone Biology. , 1996, , 131-156.		0
186	Loss of TGF-β Signaling in Bone Marrow Mesenchymal Progenitors Promotes Adipocyte over Osteoblast Differentiation but Does Not Disrupt the HSC Niche. Blood, 2015, 126, 666-666.	1.4	0