Gerald J Atkins

List of Publications by Year
in descending order

142	7,843	38742 50	54911 84
papers	citations	h-index	g-index

149	149	149	9293
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sclerostin Stimulates Osteocyte Support of Osteoclast Activity by a RANKL-Dependent Pathway. PLoS ONE, 2011, 6, e25900.	2.5	419
2	Biocompatible polymer coating of titania nanotube arrays for improved drug elution and osteoblast adhesion. Acta Biomaterialia, 2012, 8, 449-456.	8.3	251
3	Metabolism of vitamin D3 in human osteoblasts: Evidence for autocrine and paracrine activities of 1Î±,25-dihydroxyvitamin D3. Bone, 2007, 40, 1517-1528.	2.9	229
4	RANKL Expression Is Related to the Differentiation State of Human Osteoblasts. Journal of Bone and Mineral Research, 2003, 18, 1088-1098.	2.8	213
5	Sclerostin is a locally acting regulator of late-osteoblast/preosteocyte differentiation and regulates mineralization through a MEPE-ASARM-dependent mechanism. Journal of Bone and Mineral Research, 2011, 26, 1425-1436.	2.8	209
6	The proliferation and phenotypic expression of human osteoblasts on tantalum metal. Biomaterials, 2004, 25, 2215-2227.	11.4	179
7	Receptor activator of nuclear factor-kappaB ligand expression by human myeloma cells mediates osteoclast formation in vitro and correlates with bone destruction in vivo. Cancer Research, 2003, 63, 5438-45.	0.9	177
8	Osteocytes: The master cells in bone remodelling. Current Opinion in Pharmacology, 2016, 28, 24-30.	3.5	170
9	Strontium ranelate treatment of human primary osteoblasts promotes an osteocyte-like phenotype while eliciting an osteoprotegerin response. Osteoporosis International, 2009, 20, 653-664.	3.1	169
10	Expression of Osteoclast Differentiation Signals by Stromal Elements of Giant Cell Tumors. Journal of Bone and Mineral Research, 2010, 15, 640-649.	2.8	168
11	Pro-Inflammatory Cytokines TNF-Related Weak Inducer of Apoptosis (TWEAK) and TNFÎ± Induce the Mitogen-Activated Protein Kinase (MAPK)-Dependent Expression of Sclerostin in Human Osteoblasts. Journal of Bone and Mineral Research, 2009, 24, 1434-1449.	2.8	161
12	Osteocyte regulation of bone mineral: a little give and take. Osteoporosis International, 2012, 23, 2067-2079.	3.1	148
13	Regulation of FGF23 expression in IDG-SW3 osteocytes and human bone by pro-inflammatory stimuli. Molecular and Cellular Endocrinology, 2015, 399, 208-218.	3.2	148
14	The osteoclastogenic molecules RANKL and RANK are associated with periprosthetic osteolysis. Journal of Bone and Joint Surgery: British Volume, 2001, 83, 902-911.	3.4	143
15	Osteoprotegerin (OPG) is localized to the Weibel-Palade bodies of human vascular endothelial cells and is physically associated with von Willebrand factor. Journal of Cellular Physiology, 2005, 204, 714-723.	4.1	141
16	TWEAK Is a Novel Arthritogenic Mediator. Journal of Immunology, 2006, 177, 2610-2620.	0.8	141
17	Chemotherapeutic agents sensitize osteogenic sarcoma cells, but not normal human bone cells, to apo2l/trail-induced apoptosis. International Journal of Cancer, 2002, 99, 491-504.	5.1	136
18	Critical role of p38 MAPK for regeneration of the sciatic nerve following crush injury in vivo. Journal of Neuroinflammation, 2013, 10, 1.	7.2	131

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19	Sclerostin Regulates Release of Bone Mineral by Osteocytes by Induction of Carbonic Anhydrase 2. Journal of Bone and Mineral Research, 2013, 28, 2436-2448.	2.8	130
20	Bril: A Novel Bone-Specific Modulator of Mineralization. Journal of Bone and Mineral Research, 2008, 23, 1497-1508.	2.8	128
21	Osteoclastic Metabolism of 25(OH)-Vitamin D3: A Potential Mechanism for Optimization of Bone Resorption. Endocrinology, 2010, 151, 4613-4625.	2.8	127
22	Molecular Profiling of Giant Cell Tumor of Bone and the Osteoclastic Localization of Ligand for Receptor Activator of Nuclear Factor Î¹B. American Journal of Pathology, 2005, 167, 117-128.	3.8	124
23	The Ratio of Messenger RNA Levels of Receptor Activator of Nuclear Factor Î¹B Ligand to Osteoprotegerin Correlates with Bone Remodeling Indices in Normal Human Cancellous Bone but Not in Osteoarthritis. Journal of Bone and Mineral Research, 2001, 16, 1015-1027.	2.8	123
24	Osteoblast-Chondrocyte Interactions in Osteoarthritis. Current Osteoporosis Reports, 2014, 12, 127-134.	3.6	122
25	RANK Expression as a Cell Surface Marker of Human Osteoclast Precursors in Peripheral Blood, Bone Marrow, and Giant Cell Tumors of Bone. Journal of Bone and Mineral Research, 2006, 21, 1339-1349.	2.8	120
26	The correlation of RANK, RANKL and TNFÎ± expression with bone loss volume and polyethylene wear debris around hip implants. Biomaterials, 2006, 27, 5212-5219.	11.4	114
27	Novel Insights into Staphylococcus aureus Deep Bone Infections: the Involvement of Osteocytes. MBio, 2018, 9, .	4.1	114
28	Vitamin K promotes mineralization, osteoblast-to-osteocyte transition, and an anticatabolic phenotype by Î³-carboxylation-dependent and -independent mechanisms. American Journal of Physiology - Cell Physiology, 2009, 297, C1358-C1367.	4.6	108
29	The nitrogen-containing bisphosphonate, zoledronic acid, increases mineralisation of human bone-derived cells in vitro. Bone, 2004, 34, 112-123.	2.9	104
30	Osteoprotegerin inhibits osteoclast formation and bone resorbing activity in giant cell tumors of bone. Bone, 2001, 28, 370-377.	2.9	99
31	SaOS2 Osteosarcoma Cells as an In Vitro Model for Studying the Transition of Human Osteoblasts to Osteocytes. Calcified Tissue International, 2014, 95, 183-193.	3.1	97
32	The induction of a catabolic phenotype in human primary osteoblasts and osteocytes by polyethylene particles. Biomaterials, 2009, 30, 3672-3681.	11.4	96
33	Anodized 3D-printed titanium implants with dual micro- and nano-scale topography promote interaction with human osteoblasts and osteocyte-like cells. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 3313-3325.	2.7	88
34	3D Bioprinting of Methylcellulose/Gelatin-Methacryloyl (MC/GelMA) Bioink with High Shape Integrity. ACS Applied Bio Materials, 2020, 3, 1815-1826.	4.6	83
35	The skeleton as an intracrine organ for vitamin D metabolism. Molecular Aspects of Medicine, 2008, 29, 397-406.	6.4	82
36	Primary human osteoblasts grow into porous tantalum and maintain an osteoblastic phenotype. Journal of Biomedical Materials Research - Part A, 2008, 84A, 691-701.	4.0	78

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37	Coordinated cytokine expression by stromal and hematopoietic cells during human osteoclast formation. Bone, 2000, 26, 653-661.	2.9	77
38	Calcitonin Receptor Plays a Physiological Role to Protect Against Hypercalcemia in Mice. Journal of Bone and Mineral Research, 2008, 23, 1182-1193.	2.8	76
39	Increased expression of IL-6 and RANK mRNA in human trabecular bone from fragility fracture of the femoral neck. Bone, 2004, 35, 334-342.	2.9	68
40	Human osteoblasts are resistant to Apo2L/TRAIL-mediated apoptosis. Bone, 2002, 31, 448-456.	2.9	66
41	The metabolism of 25-(OH)vitamin D3 by osteoclasts and their precursors regulates the differentiation of osteoclasts. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 277-280.	2.5	63
42	Relationship between serum RANKL and RANKL in bone. Osteoporosis International, 2011, 22, 2597-2602.	3.1	62
43	Micro- and nano-structured 3D printed titanium implants with a hydroxyapatite coating for improved osseointegration. Journal of Materials Chemistry B, 2018, 6, 3136-3144.	5.8	62
44	Progressive resistance of BTK-143 osteosarcoma cells to Apo2L/TRAIL-induced apoptosis is mediated by acquisition of DcR2/TRAIL-R4 expression: resensitisation with chemotherapy. British Journal of Cancer, 2003, 89, 206-214.	6.4	61
45	Current Concepts of Osteomyelitis. American Journal of Pathology, 2020, 190, 1151-1163.	3.8	61
46	Expression of fibrillins and other microfibril-associated proteins in human bone and osteoblast-like cells. Bone, 2000, 27, 61-67.	2.9	57
47	Evidence that osteocyte perilacunar remodelling contributes to polyethylene wear particle induced osteolysis. Acta Biomaterialia, 2016, 33, 242-251.	8.3	57
48	The generation of osteoclasts from RAW 264.7 precursors in defined, serum-free conditions. Journal of Bone and Mineral Metabolism, 2009, 27, 114-119.	2.7	55
49	The pleiotropic effects of vitamin D in bone. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 190-194.	2.5	55
50	Drug-releasing nano-engineered titanium implants: therapeutic efficacy in 3D cell culture model, controlled release and stability. Materials Science and Engineering C, 2016, 69, 831-840.	7.3	53
51	Vitamin D metabolism within bone cells: Effects on bone structure and strength. Molecular and Cellular Endocrinology, 2011, 347, 42-47.	3.2	51
52	Extracellular phosphate modulates the effect of 1Î±,25-dihydroxy vitamin D3 (1,25D) on osteocyte like cells. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 183-186.	2.5	51
53	A Role for the Calcitonin Receptor to Limit Bone Loss During Lactation in Female Mice by Inhibiting Osteocytic Osteolysis. Endocrinology, 2015, 156, 3203-3214.	2.8	47
54	Bidirectional signaling between stromal and hemopoietic cells regulates interleukin-1 expression during human osteoclast formation. Bone, 1999, 25, 269-278.	2.9	45

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55	Enhanced Expression of Osteocalcin mRNA in Human Osteoarthritic Trabecular Bone of the Proximal Femur Is Associated with Decreased Expression of Interleukin-6 and Interleukin-11 mRNA. Journal of Bone and Mineral Research, 2010, 15, 332-341.	2.8	44
56	The local production of 1,25(OH)2D3 promotes osteoblast and osteocyte maturation. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 114-118.	2.5	44
57	Role of polyethylene particles in peri-prosthetic osteolysis: A review. World Journal of Orthopedics, 2011, 2, 93.	1.8	44
58	1Î±,25-dihydroxyvitamin D3 stimulates human SOST gene expression and sclerostin secretion. Molecular and Cellular Endocrinology, 2015, 413, 157-167.	3.2	43
59	Hypoxia-activated pro-drug TH-302 exhibits potent tumor suppressive activity and cooperates with chemotherapy against osteosarcoma. Cancer Letters, 2015, 357, 160-169.	7.2	42
60	Isolation of a Human Homolog of Osteoclast Inhibitory Lectin That Inhibits the Formation and Function of Osteoclasts. Journal of Bone and Mineral Research, 2003, 19, 89-99.	2.8	41
61	RNAi-mediated silencing of CYP27B1 abolishes 1,25(OH)2D3 synthesis and reduces osteocalcin and CYP24 mRNA expression in human osteosarcoma (HOS) cells. Journal of Steroid Biochemistry and Molecular Biology, 2007, 103, 601-605.	2.5	41
62	Osteocytes respond to particles of clinically-relevant conventional and cross-linked polyethylene and metal alloys by up-regulation of resorptive and inflammatory pathways. Acta Biomaterialia, 2019, 87, 296-306.	8.3	41
63	TWEAK and Fn14 expression in the pathogenesis of joint inflammation and bone erosion in rheumatoid arthritis. Arthritis Research and Therapy, 2011, 13, R51.	3.5	40
64	Periprosthetic osteolysis after total hip replacement: molecular pathology and clinical management. Inflammopharmacology, 2013, 21, 389-396.	3.9	35
65	Isolation of osteocytes from human trabecular bone. Bone, 2016, 88, 64-72.	2.9	35
66	Calcitonin Receptor-Mediated Growth Suppression of HEK-293 Cells Is Accompanied by Induction of p21WAF1/CIP1 and G2/M Arrest. Molecular Endocrinology, 1999, 13, 1738-1750.	3.7	34
67	Human trabecular bone-derived osteoblasts support human osteoclast formation in vitro in a defined, serum-free medium. Journal of Cellular Physiology, 2005, 203, 573-582.	4.1	34
68	Vitamin D receptor overexpression in osteoblasts and osteocytes prevents bone loss during vitamin D-deficiency. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 128-131.	2.5	33
69	Apo2L/TRAIL Inhibits Tumor Growth and Bone Destruction in a Murine Model of Multiple Myeloma. Clinical Cancer Research, 2009, 15, 1998-2009.	7.0	32
70	Characterization of drug-release kinetics in trabecular bone from titania nanotube implants. International Journal of Nanomedicine, 2012, 7, 4883.	6.7	32
71	Drug diffusion, integration, and stability of nanoengineered drugâ€releasing implants in bone exâ€vivo. Journal of Biomedical Materials Research - Part A, 2016, 104, 714-725.	4.0	32
72	Advancing of Additive-Manufactured Titanium Implants with Bioinspired Micro- to Nanotopographies. ACS Biomaterials Science and Engineering, 2021, 7, 441-450.	5.2	30

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73	Calcium induces pro-anabolic effects on human primary osteoblasts associated with acquisition of mature osteocyte markers. Molecular and Cellular Endocrinology, 2013, 376, 85-92.	3.2	27
74	Anticancer efficacy of the hypoxiaâ€activated prodrug evofosfamide (THâ€302) in osteolytic breast cancer murine models. Cancer Medicine, 2016, 5, 534-545.	2.8	27
75	Sclerostin Directly Stimulates Osteocyte Synthesis of Fibroblast Growth Factor-23. Calcified Tissue International, 2021, 109, 66-76.	3.1	25
76	A Bioinformatics Resource for TWEAK-Fn14 Signaling Pathway. Journal of Signal Transduction, 2012, 2012, 1-10.	2.0	24
77	1,25-Dihydroxyvitamin D3 and extracellular calcium promote mineral deposition via NPP1 activity in a mature osteoblast cell line MLO-A5. Molecular and Cellular Endocrinology, 2015, 412, 140-147.	3.2	24
78	Postoperative weight bearing and patient reported outcomes at one year following tibial plateau fractures. Injury, 2017, 48, 1650-1656.	1.7	24
79	Adoptive transfer of exÂvivo expanded VÎ³9VÎ´2 T cells in combination with zoledronic acid inhibits cancer growth and limits osteolysis in a murine model of osteolytic breast cancer. Cancer Letters, 2017, 386, 141-150.	7.2	24
80	Analysis of vitamin D metabolism gene expression in human bone: Evidence for autocrine control of bone remodelling. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 110-113.	2.5	23
81	Localized drug delivery of selenium (Se) using nanoporous anodic aluminium oxide for bone implants. Journal of Materials Chemistry B, 2015, 3, 7090-7098.	5.8	22
82	Novel Targets of Vitamin D Activity in Bone: Action of the Vitamin D Receptor in Osteoblasts, Osteocytes and Osteoclasts. Current Drug Targets, 2013, 14, 1683-1688.	2.1	21
83	EMG-Informed Neuromusculoskeletal Models Accurately Predict Knee Loading Measured Using Instrumented Implants. IEEE Transactions on Biomedical Engineering, 2022, 69, 2268-2275.	4.2	21
84	Polyethylene particles stimulate expression of ITAM-related molecules in peri-implant tissues and when stimulating osteoclastogenesis in vitro. Acta Biomaterialia, 2012, 8, 3104-3112.	8.3	20
85	The Paired-box Homeodomain Transcription Factor Pax6 Binds to the Upstream Region of the TRAP Gene Promoter and Suppresses Receptor Activator of NF-Î°B Ligand (RANKL)-induced Osteoclast Differentiation. Journal of Biological Chemistry, 2013, 288, 31299-31312.	3.4	20
86	Pharmacologic inhibition of bone resorption prevents cancer-induced osteolysis but enhances soft tissue metastasis in a mouse model of osteolytic breast cancer. International Journal of Oncology, 2014, 45, 532-540.	3.3	20
87	Calcitonin decreases the adherence and survival of HEK-293 cells by a caspase-independent mechanism. Journal of Endocrinology, 2002, 175, 715-725.	2.6	19
88	Titania Nanotubes for Local Drug Delivery from Implant Surfaces. Springer Series in Materials Science, 2015, , 307-355.	0.6	19
89	Does Apo2L/TRAIL play any physiologic role in osteoclastogenesis?. Blood, 2008, 111, 5411-5412.	1.4	18
90	Nano-engineered titanium for enhanced bone therapy. Proceedings of SPIE, 2013, , .	0.8	17

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91	Semaphorin-3a, neuropilin-1 and plexin-A1 in prosthetic-particle induced bone loss. Acta Biomaterialia, 2016, 30, 311-318.	8.3	17
92	Absence of vitamin D receptor in mature osteoclasts results in altered osteoclastic activity and bone loss. Journal of Steroid Biochemistry and Molecular Biology, 2018, 177, 77-82.	2.5	17
93	Human osteocyte expression of Nerve Growth Factor: The effect of Pentosan Polysulphate Sodium (PPS) and implications for pain associated with knee osteoarthritis. PLoS ONE, 2019, 14, e0222602.	2.5	17
94	An update on primary hip osteoarthritis including altered Wnt and TGF-Â associated gene expression from the bony component of the disease. Rheumatology, 2011, 50, 2166-2175.	1.9	16
95	Target Genes. , 2011, , 411-424.		16
96	Biomimetic hydroxyapatite coating on glass coverslips for the assay of osteoclast activity inÂvitro. Journal of Materials Science: Materials in Medicine, 2009, 20, 1467-1473.	3.6	15
97	TWEAK and TNF Regulation of Sclerostin: A Novel Pathway for the Regulation of Bone Remodelling. Advances in Experimental Medicine and Biology, 2011, 691, 337-348.	1.6	15
98	Modulation of osteoclastic migration by metabolism of 25(OH)-vitamin D3. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 59-61.	2.5	14
99	Nanoengineered drug releasing aluminium wire implants: a model study for localized bone therapy. Journal of Materials Chemistry B, 2015, 3, 3288-3296.	5.8	14
100	Impaction bone grafting has potential as an adjunct to the surgical stabilisation of osteoporotic tibial plateau fractures: Early results of a case series. Injury, 2015, 46, 1089-1096.	1.7	14
101	Early response of the human SOST gene to stimulation by 1Î±,25-dihydroxyvitamin D3. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 369-373.	2.5	14
102	Sex-related differences in the skeletal phenotype of aged vitamin D receptor global knockout mice. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 361-368.	2.5	14
103	Peroxidase enzymes inhibit osteoclast differentiation and bone resorption. Molecular and Cellular Endocrinology, 2017, 440, 8-15.	3.2	14
104	Cognitive decline is associated with an accelerated rate of bone loss and increased fracture risk in women: a prospective study from the Canadian Multicentre Osteoporosis Study. Journal of Bone and Mineral Research, 2021, 36, 2106-2115.	2.8	14
105	Expression of Defensin Antimicrobial Peptides in the Peritoneal Cavity of Patients on Peritoneal Dialysis. Peritoneal Dialysis International, 2001, 21, 501-508.	2.3	13
106	Reversal of established bone pathology in MPS VII mice following lentiviral-mediated gene therapy. Molecular Genetics and Metabolism, 2016, 119, 249-257.	1.1	13
107	Both ligand and VDR expression levels critically determine the effect of 1Î±,25-dihydroxyvitamin-D3 on osteoblast differentiation. Journal of Steroid Biochemistry and Molecular Biology, 2018, 177, 83-90.	2.5	13
108	Peroxidase Enzymes Regulate Collagen Biosynthesis and Matrix Mineralization by Cultured Human Osteoblasts. Calcified Tissue International, 2016, 98, 294-305.	3.1	12

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109	Skeletal characterization of an osteoblast-specific vitamin D receptor transgenic (ObVDR-B6) mouse model. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 331-336.	2.5	12
110	Osteocyte Communication with the Kidney Via the Production of FGF23: Remote Control of Phosphate Homeostasis. Clinical Reviews in Bone and Mineral Metabolism, 2014, 12, 44-58.	0.8	11
111	Elevated Serum 25-Hydroxyvitamin D Levels Are Associated with Improved Bone Formation and Micro-Structural Measures in Elderly Hip Fracture Patients. Journal of Clinical Medicine, 2019, 8, 1988.	2.4	11
112	A Human Osteocyte Cell Line Model for Studying Staphylococcus aureus Persistence in Osteomyelitis. Frontiers in Cellular and Infection Microbiology, 2021, 11, 781022.	3.9	11
113	Anticancer efficacy of the hypoxiaâ€activated prodrug evofosfamide is enhanced in combination with proapoptotic receptor agonists against osteosarcoma. Cancer Medicine, 2017, 6, 2164-2176.	2.8	9
114	Evidence for altered osteoclastogenesis in splenocyte cultures from Cyp27b1 knockout mice. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 353-360.	2.5	8
115	A New Approach to Surgical Management of Tibial Plateau Fractures. Journal of Clinical Medicine, 2020, 9, 626.	2.4	8
116	Vitamin D supplementation improves bone mineralisation independent of dietary phosphate in male X-linked hypophosphatemic (Hyp) mice. Bone, 2021, 143, 115767.	2.9	8
117	Relationships between the Bone Expression of Alzheimerâ€™s Disease-Related Genes, Bone Remodelling Genes and Cortical Bone Structure in Neck of Femur Fracture. Calcified Tissue International, 2021, 108, 610-621.	3.1	8
118	Generation of two multipotent mesenchymal progenitor cell lines capable of osteogenic, mature osteocyte, adipogenic, and chondrogenic differentiation. Scientific Reports, 2021, 11, 22593.	3.3	8
119	Postoperative lower limb joint kinematics following tibial plateau fracture: A 2-year longitudinal study. Gait and Posture, 2021, 83, 20-25.	1.4	7
120	Long-Term Outcomes of Staged Revision Surgery for Chronic Periprosthetic Joint Infection of Total Hip Arthroplasty. Journal of Clinical Medicine, 2022, 11, 122.	2.4	7
121	Nanoengineered drug-releasing aluminium wire implants: comparative investigation of nanopore geometry, drug release and osteoblast cell adhesion. RSC Advances, 2015, 5, 75004-75014.	3.6	6
122	Vitamin D receptor expression in mature osteoclasts reduces bone loss due to low dietary calcium intake in male mice. Journal of Steroid Biochemistry and Molecular Biology, 2021, 210, 105857.	2.5	6
123	Elevated levels of active Transforming Growth Factor Î²1 in the subchondral bone relate spatially to cartilage loss and impaired bone quality in human knee osteoarthritis. Osteoarthritis and Cartilage, 2022, 30, 896-907.	1.3	6
124	Circulating levels of TWEAK correlate with bone erosion in multiple myeloma patients. British Journal of Haematology, 2010, 150, 373-376.	2.5	5
125	Evidence for Gender-Specific Bone Loss Mechanisms in Periprosthetic Osteolysis. Journal of Clinical Medicine, 2020, 9, 53.	2.4	5
126	Therapeutic Potential of a Novel Vitamin D3 Oxime Analogue, VD1-6, with CYP24A1 Enzyme Inhibitory Activity and Negligible Vitamin D Receptor Binding. Biomolecules, 2022, 12, 960.	4.0	5

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127	Comparison of the biological effects of exogenous and endogenous 1,25-dihydroxyvitamin D3 on the mature osteoblast cell line MLO-A5. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 374-378.	2.5	4
128	Time dependent loss of trabecular bone in human tibial plateau fractures. Journal of Orthopaedic Research, 2018, 36, 2865-2875.	2.3	4
129	The Late Osteoblast/Preosteocyte Cell Line MLO-A5 Displays Mesenchymal Lineage PlasticityIn VitroandIn Vivo. Stem Cells International, 2019, 2019, 1-10.	2.5	4
130	Target Genes: Bone Proteins. , 2005, , 711-720.		3
131	First Australian report of vitamin Dâ€dependent rickets type I. Medical Journal of Australia, 2014, 201, 420-421.	1.7	3
132	Doxorubicin overcomes resistance to drozitumab by antagonizing Inhibitor of Apoptosis Proteins (IAPs). Anticancer Research, 2014, 34, 7007-20.	1.1	3
133	Does Time to Theatre Affect the Ability to Achieve Fracture Reduction in Tibial Plateau Fractures?. Journal of Clinical Medicine, 2022, 11, 138.	2.4	3
134	Hepatitis B virus binding to leucocyte plasma membranes utilizes a different region of the preS1 domain to the hepatocyte receptor binding site and does not require receptors for opsonins. Immunology and Cell Biology, 1997, 75, 259-266.	2.3	2
135	A semiautomated method to quantitatively assess osteolytic lesion volume and bone mineral density within acetabular regions of interest from CT. Journal of Orthopaedic Research, 2022, 40, 396-408.	2.3	2
136	A Mild Case of Autosomal Recessive Osteopetrosis Masquerading as the Dominant Form Involving Homozygous Deep Intronic Variations in the CLCN7 Gene. Calcified Tissue International, 2022, 111, 430-444.	3.1	2
137	Evidence for altered osteoclastogenesis in splenocyte cultures from VDR knockout mice. Journal of Steroid Biochemistry and Molecular Biology, 2018, 177, 96-102.	2.5	1
138	Mammals and minerals: a story of lactation and lacunae. IBMS BoneKEy, 2012, 9, .	0.0	0
139	A Fluorometric Method for the Quantification of Cell Number in Complex Differentiating Osteoblast-Osteocyte Cultures. Methods and Protocols, 2018, 1, 14.	2.0	0
140	Vitamin D Activities in Osteocytes. , 2018, , 319-327.		0
141	Surgical Technique to Manage Periprosthetic Fractures of the Knee in Patients with Infected Leg Ulcers. JBJS Case Connector, 2019, 9, e0347-e0347.	0.3	0
142	Assigning trabecular bone material properties in finite element models simulating the pelvis before and after the development of peri-prosthetic osteolytic lesions. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 133, 105311.	3.1	0