Nicola C Partridge

List of Publications by Year
in descending order

56 papers	3,866 citations	126907 33 h-index	189892 50 g-index
65 all docs	65 docs citations	65 times ranked	3989 citing authors

#	Article	IF	Citations
1	Parathyroid hormone-dependent signaling pathways regulating genes in bone cells. Gene, 2002, 282, 1-17.	2.2	306
2	Physiological Bone Remodeling: Systemic Regulation and Growth Factor Involvement. Physiology, 2016, 31, 233-245.	3.1	290
3	Parathyroid hormone: a double-edged sword for bone metabolism. Trends in Endocrinology and Metabolism, 2004, 15, 60-65.	7.1	243
4	Parathyroid Hormone Stimulates Osteoblastic Expression of MCP-1 to Recruit and Increase the Fusion of Pre/Osteoclasts. Journal of Biological Chemistry, 2007, 282, 33098-33106.	3.4	183
5	Parathyroid Hormone Regulation of the Rat Collagenase-3 Promoter by Protein Kinase A-dependent Transactivation of Core Binding Factor Î±1. Journal of Biological Chemistry, 2000, 275, 5037-5042.	3.4	181
6	Parathyroid Hormone Regulates the Rat Collagenase-3 Promoter in Osteoblastic Cells through the Cooperative Interaction of the Activator Protein-1 Site and the runt Domain Binding Sequence. Journal of Biological Chemistry, 1998, 273, 10647-10657.	3.4	162
7	Determination of Dual Effects of Parathyroid Hormone on Skeletal Gene Expression in Vivo by Microarray and Network Analysis. Journal of Biological Chemistry, 2007, 282, 33086-33097.	3.4	161
8	Physical Interaction of the Activator Protein-1 Factors c-Fos and c-Jun with Cbfa1 for Collagenase-3 Promoter Activation. Journal of Biological Chemistry, 2002, 277, 816-822.	3.4	155
9	Gene Expression Profiles and Transcription Factors Involved in Parathyroid Hormone Signaling in Osteoblasts Revealed by Microarray and Bioinformatics. Journal of Biological Chemistry, 2003, 278, 19723-19731.	3.4	153
10	A Positive Role of MicroRNAâ€15b on Regulation of Osteoblast Differentiation. Journal of Cellular Physiology, 2014, 229, 1236-1244.	4.1	144
11	Collagenase-3 (MMP-13) and Integral Membrane Protein 2a (Itm2a) are Marker Genes of Chondrogenic/Osteoblastic Cells in Bone Formation: Sequential Temporal, and Spatial Expression of Itm2a, Alkaline Phosphatase, MMP-13, and Osteocalcin in the Mouse. Journal of Bone and Mineral Research, 2000, 15, 1257-1265.	2.8	114
12	Collagenase-3 Binds to a Specific Receptor and Requires the Low Density Lipoprotein Receptor-related Protein for Internalization. Journal of Biological Chemistry, 1999, 274, 30087-30093.	3.4	109
13	Parathyroid Hormone Induces c-fos Promoter Activity in Osteoblastic Cells through Phosphorylated cAMP Response Element (CRE)-binding protein Binding to the Major CRE. Journal of Biological Chemistry, 1996, 271, 25715-25721.	3.4	103
14	EGF-like Ligands Stimulate Osteoclastogenesis by Regulating Expression of Osteoclast Regulatory Factors by Osteoblasts. Journal of Biological Chemistry, 2007, 282, 26656-26665.	3.4	99
15	EGFR signaling suppresses osteoblast differentiation and inhibits expression of master osteoblastic transcription factors Runx2 and osterix. Journal of Cellular Biochemistry, 2011, 112, 1749-1760.	2.6	93
16	Effects of BMP-2 and pulsed electromagnetic field (PEMF) on rat primary osteoblastic cell proliferation and gene expression. Journal of Orthopaedic Research, 2007, 25, 1213-1220.	2.3	92
17	Amphiregulin Is a Novel Growth Factor Involved in Normal Bone Development and in the Cellular Response to Parathyroid Hormone Stimulation. Journal of Biological Chemistry, 2005, 280, 3974-3981.	3.4	85
18	HDAC4 Represses Matrix Metalloproteinase-13 Transcription in Osteoblastic Cells, and Parathyroid Hormone Controls This Repression. Journal of Biological Chemistry, 2010, 285, 9616-9626.	3.4	79

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19	Epidermal growth factor receptor plays an anabolic role in bone metabolism in vivo. Journal of Bone and Mineral Research, 2011, 26, 1022-1034.	2.8	79
20	Increased Osteoblastic c-fosExpression by Parathyroid Hormone Requires Protein Kinase A Phosphorylation of the Cyclic Adenosine 3â€²,5â€²-Monophosphate Response Element-Binding Protein at Serine 133. Endocrinology, 1999, 140, 1255-1261.	2.8	66
21	Overexpression of Runx2 directed by the matrix metalloproteinase-13 promoter containing the AP-1 and Runx/RD/Cbfa sites alters bone remodeling in vivo. Journal of Cellular Biochemistry, 2006, 99, 545-557.	2.6	61
22	Developmental Regulation of Collagenase-3 mRNA in Normal, Differentiating Osteoblasts through the Activator Protein-1 and the runt Domain Binding Sites. Journal of Biological Chemistry, 2000, 275, 23310-23318.	3.4	59
23	Identification and characterization of Runx2 phosphorylation sites involved in matrix metalloproteinaseâ€13 promoter activation. FEBS Letters, 2009, 583, 1141-1146.	2.8	56
24	Parathyroid hormone(1â€“34) and its analogs differentially modulate osteoblastic Rankl expression via PKA/SIK2/SIK3 and PP1/PP2Aâ€“CRTC3 signaling. Journal of Biological Chemistry, 2018, 293, 20200-20213.	3.4	55
25	CCL2/Monocyte Chemoattractant Protein 1 and Parathyroid Hormone Action on Bone. Frontiers in Endocrinology, 2017, 8, 49.	3.5	53
26	Pulsed Electromagnetic Field Regulates MicroRNA 21 Expression to Activate TGF-Î² Signaling in Human Bone Marrow Stromal Cells to Enhance Osteoblast Differentiation. Stem Cells International, 2017, 2017, 1-17.	2.5	48
27	Regulation of expression of collagenase-3 in normal, differentiating rat osteoblasts. Journal of Cellular Physiology, 1999, 181, 479-488.	4.1	45
28	Sirtuin 1 Is a Negative Regulator of Parathyroid Hormone Stimulation of Matrix Metalloproteinase 13 Expression in Osteoblastic Cells. Journal of Biological Chemistry, 2015, 290, 8373-8382.	3.4	44
29	Monocyte chemoattractant protein-1 is a mediator of the anabolic action of parathyroid hormone on bone. Journal of Bone and Mineral Research, 2013, 28, 1975-1986.	2.8	43
30	Parathyroid Hormone Regulates Histone Deacetylase (HDAC) 4 through Protein Kinase A-mediated Phosphorylation and Dephosphorylation in Osteoblastic Cells. Journal of Biological Chemistry, 2014, 289, 21340-21350.	3.4	42
31	Runx2 Recruits p300 to Mediate Parathyroid Hormoneâ€™s Effects on Histone Acetylation and Transcriptional Activation of the Matrix Metalloproteinase-13 Gene. Molecular Endocrinology, 2009, 23, 1255-1263.	3.7	41
32	Parathyroid Hormone Activation of Matrix Metalloproteinase-13 Transcription Requires the Histone Acetyltransferase Activity of p300 and PCAF and p300-dependent Acetylation of PCAF. Journal of Biological Chemistry, 2010, 285, 38014-38022.	3.4	39
33	Constitutive Expression and Regulation of Collagenase-3 in Human Breast Cancer Cells. Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications, 2000, 3, 218-223.	1.6	37
34	Pulsed electromagnetic fields inhibit human osteoclast formation and gene expression via osteoblasts. Bone, 2018, 106, 194-203.	2.9	35
35	Characterization of Runx2 phosphorylation sites required for TGFâ€Î²1â€mediated stimulation of matrix metalloproteinaseâ€13 expression in osteoblastic cells. Journal of Cellular Physiology, 2018, 233, 1082-1094.	4.1	33
36	Catabolic Effects of Human PTH (1â€“34) on Bone: Requirement of Monocyte Chemoattractant Protein-1 in Murine Model of Hyperparathyroidism. Scientific Reports, 2017, 7, 15300.	3.3	32

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37	Understanding Parathyroid Hormone Action. Annals of the New York Academy of Sciences, 2006, 1068, 187-193.	3.8	30
38	Abaloparatide at the Same Dose Has the Same Effects on Bone as PTH (1â€34) in Mice. Journal of Bone and Mineral Research, 2020, 35, 714-724.	2.8	28
39	The Histoneâ€Deacetylaseâ€Inhibitor Suberoylanilide Hydroxamic Acid Promotes Dental Pulp Repair Mechanisms Through Modulation of Matrix Metalloproteinaseâ€13 Activity. Journal of Cellular Physiology, 2016, 231, 798-816.	4.1	27
40	DMPâ€1 â€mediated Ghr gene recombination compromises skeletal development and impairs skeletal response to intermittent PTH. FASEB Journal, 2016, 30, 635-652.	0.5	24
41	Regulation of collagenase-3 gene expression in osteoblastic and non-osteoblastic cell lines. Journal of Cellular Biochemistry, 2000, 79, 182-190.	2.6	23
42	MMP-13 is one of the critical mediators of the effect of HDAC4 deletion on the skeleton. Bone, 2016, 90, 142-151.	2.9	23
43	MEF2C Interacts With c-FOS in PTH-Stimulated Mmp13 Gene Expression in Osteoblastic Cells. Endocrinology, 2017, 158, 3778-3791.	2.8	23
44	miRâ€873â€3p targets HDAC4 to stimulate matrix metalloproteinaseâ€13 expression upon parathyroid hormone exposure in rat osteoblasts. Journal of Cellular Physiology, 2020, 235, 7996-8009.	4.1	21
45	The Deletion of Hdac4 in Mouse Osteoblasts Influences Both Catabolic and Anabolic Effects in Bone. Journal of Bone and Mineral Research, 2018, 33, 1362-1375.	2.8	17
46	Osteoblastic monocyte chemoattractant protein-1 (MCP-1) mediation of parathyroid hormone's anabolic actions in bone implicates TGF-Î² signaling. Bone, 2021, 143, 115762.	2.9	9
47	Triclosan BlocksMmp 13Expression in Hormone-Stimulated Osteoblasts. Journal of Periodontology, 2013, 84, 1-9.	3.4	8
48	PTH Signaling and Epigenetic Control of Bone Remodeling. Current Molecular Biology Reports, 2016, 2, 56-61.	1.6	6
49	The Critical Role of MMP13 in Regulating Tooth Development and Reactionary Dentinogenesis Repair Through the Wnt Signaling Pathway. Frontiers in Cell and Developmental Biology, 2022, 10, 883266.	3.7	4
50	Pulsed Electromagnetic Field Stimulates Human Osteoblastic Cells and Inhibits Human Osteoclastic Cells. Spine Journal, 2013, 13, S99.	1.3	1
51	Bone proteinases. , 2020, , 379-399.		1
52	Parathyroid Hormone and Parathyroid-Hormone-Related Protein: Normal Function, Diseases, and Emerging Therapeutics. , 2012, , 1-19.		1
53	Parathyroid Hormones. , 2020, , 507-529.		0
54	The elevated serum Monocyte Chemoattractant Proteinâ€1 (MCPâ€1) in obesity is influenced by parathyroid hormone (PTH) and not body mass index (BMI). FASEB Journal, 2010, 24, 935.7.	0.5	0

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55	Remembering Dr Arnold J Kahn: June 18, 1936â€“June 16, 2021. Journal of Bone and Mineral Research, 2020, 37, 1077-1078.	2.8	0
56	Bioactive, full-length parathyroid hormone delivered using an adeno-associated viral vector. Experimental Biology and Medicine, 2022, 247, 1885-1897.	2.4	0