Subburaman Mohan

List of Publications by Year
in descending order

139 papers	7,725 citations	46918 47 h-index	56606 83 g-index
195 all docs	195 docs citations	195 times ranked	6781 citing authors

#	Article	IF	Citations
1	Repeated mild traumatic brain injury impairs fracture healing in male mice. BMC Research Notes, 2022, 15, 25.	0.6	5
2	Differences in pathways contributing to thyroid hormone effects on postnatal cartilage calcification versus secondary ossification center development. ELife, 2022, 11, .	2.8	5
3	Role of prolyl hydroxylase domain proteins in bone metabolism. Osteoporosis and Sarcopenia, 2022, 8, 1-10.	0.7	4
4	Mice with Targeted Knockout of Tetraspanin 3 Exhibit Reduced Trabecular Bone Mass Caused by Decreased Osteoblast Functions. Cells, 2022, 11, 977.	1.8	1
5	T-cell factor (TCF) 7L2 is a novel regulator of osteoblast functions that acts in part by modulation of hypoxia (Hif1Î±) signaling. American Journal of Physiology - Endocrinology and Metabolism, 2022, , .	1.8	5
6	Monocyte Chemotactic Proteins Mediate the Effects of Hyperglycemia in Chondrocytes: In Vitro Studies. Life, 2022, 12, 836.	1.1	2
7	Computational prediction of small molecules with predicted binding to FGFR3 and testing biological effects in bone cells. Experimental Biology and Medicine, 2021, 246, 1660-1667.	1.1	0
8	Prolyl Hydroxylase Domain-Containing Protein 3 Gene Expression in Chondrocytes Is Not Essential for Bone Development in Mice. Cells, 2021, 10, 2200.	1.8	4
9	<scp>CCN1</scp>/Cyr61 Is Required in Osteoblasts for Responsiveness to the Anabolic Activity of <scp>PTH</scp>. Journal of Bone and Mineral Research, 2020, 35, 2289-2300.	3.1	7
10	Vitamin C effects on 5-hydroxymethylcytosine and gene expression in osteoblasts and chondrocytes: Potential involvement of PHD2. PLoS ONE, 2019, 14, e0220653.	1.1	16
11	Conditional disruption of the osterix gene in chondrocytes during early postnatal growth impairs secondary ossification in the mouse tibial epiphysis. Bone Research, 2019, 7, 24.	5.4	24
12	Novel Role for Claudin-11 in the Regulation of Osteoblasts via Modulation of ADAM10-Mediated Notch Signaling. Journal of Bone and Mineral Research, 2019, 34, 1910-1922.	3.1	14
13	Growth Hormone Effects on Bone Loss-Induced by Mild Traumatic Brain Injury and/or Hind Limb Unloading. Scientific Reports, 2019, 9, 18995.	1.6	6
14	Changes in ephrin gene expression during bone healing identify a restricted repertoire of ephrinsÂmediating fracture repair. Histochemistry and Cell Biology, 2019, 151, 43-55.	0.8	6
15	A small molecular inhibitor of LRRK1 identified by homology modeling and virtual screening suppresses osteoclast function, but not osteoclast differentiation, in vitro. Aging, 2019, 11, 3250-3261.	1.4	7
16	Skeletal effects of nongenomic thyroid hormone receptor beta signaling. Journal of Endocrinology, 2019, 242, 173-183.	1.2	3
17	CYR61/CCN1 Regulates Sclerostin Levels and Bone Maintenance. Journal of Bone and Mineral Research, 2018, 33, 1076-1089.	3.1	27
18	40 YEARS OF IGF1: Role of IGF1 and EFNâ€“EPH signaling in skeletal metabolism. Journal of Molecular Endocrinology, 2018, 61, T87-T102.	1.1	20

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19	The art of building bone: emerging role of chondrocyte-to-osteoblast transdifferentiation in endochondral ossification. Bone Research, 2018, 6, 19.	5.4	163
20	Long-term Consequences of Traumatic Brain Injury in Bone Metabolism. Frontiers in Neurology, 2018, 9, 115.	1.1	45
21	Thyroid Hormone Signaling in the Development of the Endochondral Skeleton. Vitamins and Hormones, 2018, 106, 351-381.	0.7	13
22	Cortical and trabecular bone are equally affected in rats with renal failure and secondary hyperparathyroidism. BMC Nephrology, 2018, 19, 24.	0.8	8
23	LRRK1 regulation of actin assembly in osteoclasts involves serine 5 phosphorylation of Lâ€plastin. Journal of Cellular Biochemistry, 2018, 119, 10351-10357.	1.2	13
24	Thyroid hormone acting via TRÎ² induces expression of browning genes in mouse bone marrow adipose tissue. Endocrine, 2017, 56, 109-120.	1.1	19
25	Role and mechanism of action of leucine-rich repeat kinase 1 in bone. Bone Research, 2017, 5, 17003.	5.4	21
26	Conditional Deletion of the Phd2 Gene in Articular Chondrocytes Accelerates Differentiation and Reduces Articular Cartilage Thickness. Scientific Reports, 2017, 7, 45408.	1.6	16
27	Epiphyseal bone formation occurs via thyroid hormone regulation of chondrocyte to osteoblast transdifferentiation. Scientific Reports, 2017, 7, 10432.	1.6	31
28	Experimental repetitive mild traumatic brain injury induces deficits in trabecular bone microarchitecture and strength in mice. Bone Research, 2017, 5, 17042.	5.4	8
29	Effect of Altering Dietary n-6:n-3 Polyunsaturated Fatty Acid Ratio with Plant and Marine-Based Supplement on Biomarkers of Bone Turnover in Healthy Adults. Nutrients, 2017, 9, 1162.	1.7	11
30	Thyroid hormone receptor-Î²1 signaling is critically involved in regulating secondary ossification via promoting transcription of the Ihh gene in the epiphysis. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E846-E854.	1.8	13
31	Identification of biallelic<i>LRRK1</i>mutations in osteosclerotic metaphyseal dysplasia and evidence for locus heterogeneity. Journal of Medical Genetics, 2016, 53, 568-574.	1.5	43
32	Leucine-rich repeat kinase-1 regulates osteoclast function by modulating RAC1/Cdc42 Small GTPase phosphorylation and activation. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E772-E780.	1.8	13
33	Prolyl Hydroxylase Domain-Containing Protein 2 (Phd2) Regulates Chondrocyte Differentiation and Secondary Ossification in Mice. Scientific Reports, 2016, 6, 35748.	1.6	16
34	Effects of Thyroxine (T4), 3,5,3â€²-triiodo-l-thyronine (T3) and their Metabolites on Osteoblast Differentiation. Calcified Tissue International, 2016, 99, 435-442.	1.5	15
35	Does the GH/IGF-1 axis contribute to skeletal sexual dimorphism? Evidence from mouse studies. Growth Hormone and IGF Research, 2016, 27, 7-17.	0.5	32
36	Conditional Deletion of Prolyl Hydroxylase Domain-Containing Protein 2 (Phd2) Gene Reveals Its Essential Role in Chondrocyte Function and Endochondral Bone Formation. Endocrinology, 2016, 157, 127-140.	1.4	24

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37	Skeletal effects of growth hormone and insulin-like growth factor-I therapy. Molecular and Cellular Endocrinology, 2016, 432, 44-55.	1.6	36
38	The Roles and Mechanisms of Actions of Vitamin C in Bone: New Developments. Journal of Bone and Mineral Research, 2015, 30, 1945-1955.	3.1	157
39	RE1â€Silencing Transcription Factor (<i>Rest</i>) is a Novel Regulator of Osteoblast Differentiation. Journal of Cellular Biochemistry, 2015, 116, 1932-1938.	1.2	7
40	Role of WNT16 in the Regulation of Periosteal Bone Formation in Female Mice. Endocrinology, 2015, 156, 1023-1032.	1.4	68
41	Conditional disruption of miR17-92 cluster in collagen type I-producing osteoblasts results in reduced periosteal bone formation and bone anabolic response to exercise. Physiological Genomics, 2015, 47, 33-43.	1.0	31
42	The negative impact of traumatic brain injury (TBI) on bone in a mouse model. Brain Injury, 2014, 28, 244-251.	0.6	19
43	Reduced bone mass accrual in mouse model of repetitive mild traumatic brain injury. Journal of Rehabilitation Research and Development, 2014, 51, 1427-1438.	1.6	13
44	Emerging Multifunctional Roles of Claudin Tight Junction Proteins in Bone. Endocrinology, 2014, 155, 2363-2376.	1.4	17
45	Epiphyseal Chondrocyte Secondary Ossification Centers Require Thyroid Hormone Activation of Indian Hedgehog and Osterix Signaling. Journal of Bone and Mineral Research, 2014, 29, 2262-2275.	3.1	61
46	A high-calcium diet failed to rescue an osteopenia phenotype in claudin-18 knockout mice. Physiological Reports, 2014, 2, e00200.	0.7	5
47	Conditional Disruption of the Prolyl Hydroxylase Domain-Containing Protein 2 (<i>Phd2</i>) Gene Defines Its Key Role in Skeletal Development. Journal of Bone and Mineral Research, 2014, 29, 2276-2286.	3.1	31
48	EphA4 Receptor Is a Novel Negative Regulator of Osteoclast Activity. Journal of Bone and Mineral Research, 2014, 29, 804-819.	3.1	31
49	In vivo evidence of IGF-Iâ€“estrogen crosstalk in mediating the cortical bone response to mechanical strain. Bone Research, 2014, 2, 14007.	5.4	4
50	Differential Expression of Claudin Family Members during Osteoblast and Osteoclast Differentiation: Cldn-1 Is a Novel Positive Regulator of Osteoblastogenesis. PLoS ONE, 2014, 9, e114357.	1.1	12
51	Identification of Gender-Specific Candidate Genes that Influence Bone Microarchitecture in Chromosome 1. Calcified Tissue International, 2013, 92, 362-371.	1.5	12
52	Targeted disruption of leucine-rich repeat kinase 1 but not leucine-rich repeat kinase 2 in mice causes severe osteopetrosis. Journal of Bone and Mineral Research, 2013, 28, 1962-1974.	3.1	51
53	Haploinsufficiency of osterix in chondrocytes impairs skeletal growth in mice. Physiological Genomics, 2013, 45, 917-923.	1.0	18
54	Disruption of claudin-18 diminishes ovariectomy-induced bone loss in mice. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E531-E537.	1.8	8

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55	The negative impact of single prolonged stress (SPS) on bone development in mice. Stress, 2013, 16, 564-570.	0.8	15
56	Role and Mechanisms of Actions of Thyroid Hormone on the Skeletal Development. Bone Research, 2013, 1, 146-161.	5.4	75
57	Duffy Antigen Receptor for Chemokines Regulates Post-Fracture Inflammation. PLoS ONE, 2013, 8, e77362.	1.1	14
58	Transgenic Overexpression of Ephrin B1 in Bone Cells Promotes Bone Formation and an Anabolic Response to Mechanical Loading in Mice. PLoS ONE, 2013, 8, e69051.	1.1	20
59	Lasting Consequences of Traumatic Events on Behavioral and Skeletal Parameters in a Mouse Model for Post-Traumatic Stress Disorder (PTSD). PLoS ONE, 2012, 7, e42684.	1.1	14
60	Genetic evidence that thyroid hormone is indispensable for prepubertal insulin-like growth factorâ€"I expression and bone acquisition in mice. Journal of Bone and Mineral Research, 2012, 27, 1067-1079.	3.1	73
61	Claudin 18 is a novel negative regulator of bone resorption and osteoclast differentiation. Journal of Bone and Mineral Research, 2012, 27, 1553-1565.	3.1	32
62	Role of Insulin-like Growth Factor-1 in the Regulation of Skeletal Growth. Current Osteoporosis Reports, 2012, 10, 178-186.	1.5	44
63	Targeted Disruption of TGFBI in Mice Reveals Its Role in Regulating Bone Mass and Bone Size through Periosteal Bone Formation. Calcified Tissue International, 2012, 91, 81-87.	1.5	29
64	Targeted Disruption of Ephrin B1 in Cells of Myeloid Lineage Increases Osteoclast Differentiation and Bone Resorption in Mice. PLoS ONE, 2012, 7, e32887.	1.1	39
65	The Role of GH/IGF-I-Mediated Mechanisms in Sex Differences in Cortical Bone Size in Mice. Calcified Tissue International, 2011, 88, 1-8.	1.5	31
66	Role of diabetes- and obesity-related protein in the regulation of osteoblast differentiation. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E40-E48.	1.8	11
67	Conditional disruption of IGF-I gene in type 1Î± collagen-expressing cells shows an essential role of IGF-I in skeletal anabolic response to loading. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E1191-E1197.	1.8	47
68	Ascorbic acid regulates osterix expression in osteoblasts by activation of prolyl hydroxylase and ubiquitination-mediated proteosomal degradation pathway. Physiological Genomics, 2011, 43, 749-757.	1.0	45
69	Ephrin B1 Regulates Bone Marrow Stromal Cell Differentiation and Bone Formation by Influencing TAZ Transactivation via Complex Formation with NHERF1. Molecular and Cellular Biology, 2010, 30, 711-721.	1.1	92
70	Targeted disruption of nuclear factor erythroid-derived 2-like 1 in osteoblasts reduces bone size and bone formation in mice. Physiological Genomics, 2010, 40, 100-110.	1.0	58
71	The Role of Liver-Derived Insulin-Like Growth Factor-I. Endocrine Reviews, 2009, 30, 494-535.	8.9	361
72	Mapping of the chromosome 17 BMD QTL in the F2 male mice of MRL/MpJÂÃ—ÂSJL/J. Genetica, 2009, 135, 59-66.	0.5	3

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73	Elevated Aromatase Expression in Osteoblasts Leads to Increased Bone Mass Without Systemic Adverse Effects. Journal of Bone and Mineral Research, 2009, 24, 1263-1270.	3.1	41
74	Glutaredoxin 5 regulates osteoblast apoptosis by protecting against oxidative stress. Bone, 2009, 44, 795-804.	1.4	47
75	Lack of anabolic response to skeletal loading in mice with targeted disruption of the pleiotrophin gene. BMC Research Notes, 2008, 1, 124.	0.6	3
76	Prepubertal OVX increases IGF-I expression and bone accretion in C57BL/6J mice. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E1172-E1180.	1.8	26
77	Conditional Deletion of Insulin-Like Growth Factor-I in Collagen Type 1Î±2-Expressing Cells Results in Postnatal Lethality and a Dramatic Reduction in Bone Accretion. Endocrinology, 2007, 148, 5706-5715.	1.4	95
78	Identification of mouse Duffy Antigen Receptor for Chemokines (Darc) as a BMD QTL gene. Genome Research, 2007, 17, 577-585.	2.4	47
79	Nuclear Factor-E2-related Factor-1 Mediates Ascorbic Acid Induction of Osterix Expression via Interaction with Antioxidant-Responsive Element in Bone Cells. Journal of Biological Chemistry, 2007, 282, 22052-22061.	1.6	73
80	Disruption of insulin-like growth factor-I expression in type IIÎ±I collagen-expressing cells reduces bone length and width in mice. Physiological Genomics, 2007, 30, 354-362.	1.0	86
81	Identification of genetic loci that regulate bone adaptive response to mechanical loading in C57BL/6J and C3H/HeJ mice intercross. Bone, 2006, 39, 634-643.	1.4	46
82	Pregnancy-Associated Plasma Protein-A Increases Osteoblast Proliferation in Vitro and Bone Formation in Vivo. Endocrinology, 2006, 147, 5653-5661.	1.4	82
83	Whole genome microarray analysis of growth hormone-induced gene expression in bone: T-box3, a novel transcription factor, regulates osteoblast proliferation. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E128-E136.	1.8	42
84	Ras-Association Domain Family 1 Protein, RASSF1C, Is an IGFBP-5 Binding Partner and a Potential Regulator of Osteoblast Cell Proliferation. Journal of Bone and Mineral Research, 2005, 20, 1430-1439.	3.1	42
85	Spontaneous Fractures in the Mouse Mutant sfx Are Caused by Deletion of the Gulonolactone Oxidase Gene, Causing Vitamin C Deficiency. Journal of Bone and Mineral Research, 2005, 20, 1597-1610.	3.1	55
86	Multiple Genetic Loci From CAST/EiJ Chromosome 1 Affect vBMD Either Positively or Negatively in a C57BL/6J Background. Journal of Bone and Mineral Research, 2005, 21, 97-104.	3.1	26
87	Global gene expression analysis in the bones reveals involvement of several novel genes and pathways in mediating an anabolic response of mechanical loading in mice. Journal of Cellular Biochemistry, 2005, 96, 1049-1060.	1.2	87
88	Mapping the dominant wound healing and soft tissue regeneration QTL in MRL Ã— CAST. Mammalian Genome, 2005, 16, 918-924.	1.0	32
89	The multi-functional role of insulin-like growth factor binding proteins in bone. Pediatric Nephrology, 2005, 20, 261-268.	0.9	91
90	Mechanical loading-induced gene expression and BMD changes are different in two inbred mouse strains. Journal of Applied Physiology, 2005, 99, 1951-1957.	1.2	52

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91	Low IGF-I in synovial fluid and serum in patients with aseptic prosthesis loosening. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 76, 320-325.	1.2	4
92	Insulin-Like Growth Factor-Binding Protein-5 Induces a Gender-Related Decrease in Bone Mineral Density in Transgenic Mice. Endocrinology, 2005, 146, 931-940.	1.4	69
93	Fluid Shear Stress Synergizes with Insulin-like Growth Factor-I (IGF-I) on Osteoblast Proliferation through Integrin-dependent Activation of IGF-I Mitogenic Signaling Pathway. Journal of Biological Chemistry, 2005, 280, 20163-20170.	1.6	57
94	HSV-1 amplicon-mediated transfer of 128-kb BMP-2 genomic locus stimulates osteoblast differentiation in vitro. Biochemical and Biophysical Research Communications, 2004, 319, 781-786.	1.0	21
95	Evidence that Sensitivity to Growth Hormone (GH) Is Growth Period and Tissue Type Dependent: Studies in GH-Deficient lit/lit Mice. Endocrinology, 2003, 144, 3950-3957.	1.4	36
96	Insulin-Like Growth Factor Regulates Peak Bone Mineral Density in Mice by Both Growth Hormone-Dependent and -Independent Mechanisms. Endocrinology, 2003, 144, 929-936.	1.4	170
97	Effect of low-dose of recombinant human growth hormone on bone metabolism in elderly women with osteoporosis. European Journal of Endocrinology, 2002, 147, 339-348.	1.9	25
98	ADAM-9 Is an Insulin-like Growth Factor Binding Protein-5 Protease Produced and Secreted by Human Osteoblastsâ€. Biochemistry, 2002, 41, 15394-15403.	1.2	61
99	Genetic Dissection of Femur Breaking Strength in a Large Population (MRL/MpJÃ—SJL/J) of F2 Mice: Single QTL Effects, Epistasis, and Pleiotropy. Genomics, 2002, 79, 734-740.	1.3	64
100	Human Osteoblasts' Proliferative Responses to Strain and 17Î²-Estradiol Are Mediated by the Estrogen Receptor and the Receptor for Insulin-Like Growth Factor I. Journal of Bone and Mineral Research, 2002, 17, 593-602.	3.1	82
101	Pregnancy-Associated Plasma Protein-A Accounts for the Insulin-Like Growth Factor (IGF)-Binding Protein-4 (IGFBP-4) Proteolytic Activity in Human Pregnancy Serum and Enhances the Mitogenic Activity of IGF by Degrading IGFBP-4in Vitro1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 847-854.	1.8	87
102	Evidence That Anabolic Effects of PTH on Bone Require IGF-I in Growing Mice. Endocrinology, 2001, 142, 4349-4356.	1.4	145
103	Evidence that IGF-binding protein-5 functions as a growth factor. Journal of Clinical Investigation, 2001, 107, 73-81.	3.9	182
104	Serum Insulin-Like Growth Factor-I, Insulin-Like Growth Factor Binding Proteins, and Bone Mineral Content in Hyperthyroidism. Thyroid, 2000, 10, 417-423.	2.4	45
105	Effects of Recombinant Insulin-Like Growth Factor-Binding Protein-4 on Bone Formation Parameters in Mice1. Endocrinology, 1999, 140, 5719-5728.	1.4	68
106	Studies on the Potential Mediators of Skeletal Changes Occurring during Puberty in Girls¹. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 2807-2814.	1.8	69
107	Mechanical Strain Stimulates ROS Cell Proliferation Through IGF-II and Estrogen Through IGF-I. Journal of Bone and Mineral Research, 1999, 14, 1742-1750.	3.1	54
108	Studies on the Role of Human Insulin-like Growth Factor-II (IGF-II)-Dependent IGF Binding Protein (hIGFBP)-4 Protease in Human Osteoblasts Using Protease-Resistant IGFBP-4 Analogs. Journal of Bone and Mineral Research, 1999, 14, 2079-2088.	3.1	44

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109	Down-Regulation of the Serum Stimulatory Components of the Insulin-like Growth Factor (IGF) System (IGF-I, IGF-II, IGF Binding Protein [BP]-3, and IGFBP-5) in Age-Related (Type II) Femoral Neck Osteoporosis. Journal of Bone and Mineral Research, 1999, 14, 2150-2158.	3.1	106
110	The diagnosis and treatment of osteoporosis: future prospects. Trends in Molecular Medicine, 1999, 5, 133-140.	2.6	23
111	Role of Growth Hormone/Insulin-like Growth Factor Axis. , 1999, , 209-219.		5
112	Regulation of insulin-like growth factors I and II and their binding proteins in human bone marrow stromal cells by dexamethasone. , 1998, 71, 449-458.		54
113	Modulation of insulin-like growth factor actions in L6A1 myoblasts by insulin-like growth factor binding protein (IGFBP)-4 and IGFBP-5: A dual role for IGFBP-5. Journal of Cellular Physiology, 1998, 177, 47-57.	2.0	99
114	Erythrocyte insulin-like growth factor-I binding in younger and older males. Clinical Endocrinology, 1998, 48, 339-345.	1.2	4
115	Structure-Function Analysis of the Human Insulin-like Growth Factor Binding Protein-4. Journal of Biological Chemistry, 1998, 273, 23509-23516.	1.6	76
116	Insulin-Like Growth Factor-Binding Proteins in Serum and Other Biological Fluids: Regulation and Functions*. Endocrine Reviews, 1997, 18, 801-831.	8.9	845
117	Insulin-like Growth Factor (IGF)-I, -II, IGF Binding Proteins (IGFBP)â^'3, â^'4, and â^'5 Levels in the Conditioned Media of Normal Human Bone Cells Are Skeletal Site-Dependent. Journal of Bone and Mineral Research, 1997, 12, 423-430.	3.1	71
118	Effects of inhibitors of signal transduction pathways on transforming growth factor Î²1 and osteogenic protein-1-induced insulinlike growth factor binding protein-3 expression in human bone cells. , 1997, 173, 28-35.		8
119	The Role of Insulin-Like Growth Factor Binding Protein-5 in Bone. Clinical Pediatric Endocrinology, 1997, 6, 157-162.	0.4	0
120	Evidence for a role for insulin-like growth factor binding proteins in glucocorticoid inhibition of normal human osteoblast-like cell proliferation. European Journal of Endocrinology, 1996, 134, 591-601.	1.9	61
121	Insulinâ€Like Growth Factor (IGF) System Components in Human Prostatic Cancer Cellâ€Lines: LNCaP, DU145, and PCâ€3 Cells. International Journal of Urology, 1996, 3, 39-46.	0.5	100
122	Intact insulin-like growth factor binding protein-5 (IGFBP-5) associates with bone matrix and the soluble fragments of IGFBP-5 accumulated in culture medium of neonatal mouse calvariae by parathyroid hormone and prostaglandin E2-treatment. , 1996, 166, 370-379.		35
123	Evidence that human bone cells in culture secrete insulin-like growth factor (IGF)-II and IGF binding protein-3 but not acid-labile subunit both under basal and regulated conditions. Journal of Bone and Mineral Research, 1995, 10, 854-858.	3.1	34
124	Exogenous prostacyclin, but not prostaglandin E2, produces similar responses in both G6PD activity and RNA production as mechanical loading, and increases IGF-II release, in adult cancellous bone in culture. Calcified Tissue International, 1993, 53, 324-329.	1.5	82
125	Autocrine regulators of MC3T3-E1 cell proliferation. Journal of Bone and Mineral Research, 1993, 8, 157-165.	3.1	49
126	Insulin-like growth factor binding proteinâ€“4 inhibits both basal and IGF-mediated chick pelvic cartilage growth in vitro. Journal of Bone and Mineral Research, 1993, 8, 391-396.	3.1	37

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127	Journal of Bone and Mineral Research. Journal of Bone and Mineral Research, 1993, 8, S565-S572.	3.1	252
128	Low-amplitude, low-frequency electric field-stimulated bone cell proliferation may in part be mediated by increased IGF-II release. Journal of Cellular Physiology, 1992, 150, 84-89.	2.0	128
129	Insulin-like growth factor II and transforming growth factor Î²1 regulate insulin-like growth factor I secretion in mouse bone cells. European Journal of Endocrinology, 1991, 125, 538-546.	1.9	26
130	1,25-Dihydroxyvitamin D3 Differentially Regulates the Production of Insulin-Like Growth Factor I (IGF-I) and IGF-Binding Protein-4 in Mouse Osteoblasts*. Endocrinology, 1991, 129, 3139-3146.	1.4	129
131	Skeletal growth factor and other growth factors known to be present in bone matrix stimulate proliferation and protein synthesis in human bone cells. Journal of Bone and Mineral Research, 1990, 5, 179-186.	3.1	149
132	A Simple and Efficient Scheme for the Purification of Insulin-like Growth Factor II from Human Bone Matrix Extract. Growth Factors, 1990, 2, 267-271.	0.5	0
133	Interactions of Growth Factors Present in Bone Matrix with Bone Cells: Effects on DNA Synthesis and Alkaline Phosphatase. Growth Factors, 1990, 3, 147-158.	0.5	105
134	Inhibitory Insulin-Like Growth Factor-Binding Protein: Cloning, Complete Sequence, and Physiological Regulation. Molecular Endocrinology, 1990, 4, 1806-1814.	3.7	215
135	A Simple and Efficient Scheme for the Purification of Insulin-like Growth Factor II from Human Bone Matrix Extract. Growth Factors, 1990, 2, 267-271.	0.5	1
136	Insulin-like growth factors I and II are present in the skeletal tissues of ten vertebrates. Metabolism: Clinical and Experimental, 1990, 39, 96-100.	1.5	112
137	Quantitation of growth factors IGF-I, SGF/IGF-II, and TGF-Î² in human dentin. Journal of Bone and Mineral Research, 1990, 5, 717-723.	3.1	204
138	Parathyroid Hormone Stimulates Release of Insulin-Like Growth Factor-I (IGF-I) and IGF-II from Neonatal Mouse Calvaria in Organ Culture*. Endocrinology, 1989, 125, 1484-1491.	1.4	178
139	Transferrin receptor 1-mediated iron uptake regulates bone mass in mice via osteoclast mitochondria and cytoskeleton. ELife, 0, 11, .	2.8	20