

# Marian F Young

## List of Publications by Year in descending order

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144  
papers

18,861  
citations

17405

63  
h-index

11899

134  
g-index

147  
all docs

147  
docs citations

147  
times ranked

16979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of multipotent postnatal stem cells from human periodontal ligament. <i>Lancet</i> , The, 2004, 364, 149-155.	6.3	2,920
2	Identification of tendon stem/progenitor cells and the role of the extracellular matrix in their niche. <i>Nature Medicine</i> , 2007, 13, 1219-1227.	15.2	1,211
3	The matrix component biglycan is proinflammatory and signals through Toll-like receptors 4 and 2 in macrophages. <i>Journal of Clinical Investigation</i> , 2005, 115, 2223-2233.	3.9	718
4	Expression and localization of the two small proteoglycans biglycan and decorin in developing human skeletal and non-skeletal tissues.. <i>Journal of Histochemistry and Cytochemistry</i> , 1990, 38, 1549-1563.	1.3	626
5	Osteoblasts synthesize and respond to transforming growth factor-type beta (TGF-beta) in vitro.. <i>Journal of Cell Biology</i> , 1987, 105, 457-463.	2.3	560
6	Targeted disruption of the biglycan gene leads to an osteoporosis-like phenotype in mice. <i>Nature Genetics</i> , 1998, 20, 78-82.	9.4	543
7	Dentin structure composition and mineralization. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 711-735.	0.9	504
8	Biglycan, a Danger Signal That Activates the NLRP3 Inflammasome via Toll-like and P2X Receptors. <i>Journal of Biological Chemistry</i> , 2009, 284, 24035-24048.	1.6	407
9	Phenotypic Effects of Biglycan Deficiency Are Linked to Collagen Fibril Abnormalities, Are Synergized by Decorin Deficiency, and Mimic Ehlers-Danlos-Like Changes in Bone and Other Connective Tissues. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 1180-1189.	3.1	392
10	Expression of bone sialoprotein (BSP) in developing human tissues. <i>Calcified Tissue International</i> , 1991, 49, 421-426.	1.5	385
11	Mice deficient in small leucine-rich proteoglycans: novel in vivo models for osteoporosis, osteoarthritis, Ehlers-Danlos syndrome, muscular dystrophy, and corneal diseases. <i>Glycobiology</i> , 2002, 12, 107R-116R.	1.3	378
12	Antisera and cDNA probes to human and certain animal model bone matrix noncollagenous proteins. <i>Acta Orthopaedica</i> , 1995, 66, 61-65.	1.4	366
13	cDNA cloning, mRNA distribution and heterogeneity, chromosomal location, and RFLP analysis of human osteopontin (OPN). <i>Genomics</i> , 1990, 7, 491-502.	1.3	344
14	Abnormal collagen fibrils in tendons of biglycan/fibromodulin-deficient mice lead to gait impairment, ectopic ossification, and osteoarthritis. <i>FASEB Journal</i> , 2002, 16, 673-680.	0.2	305
15	The effect of 3D hydrogel scaffold modulus on osteoblast differentiation and mineralization revealed by combinatorial screening. <i>Biomaterials</i> , 2010, 31, 5051-5062.	5.7	265
16	The determination of stem cell fate by 3D scaffold structures through the control of cell shape. <i>Biomaterials</i> , 2011, 32, 9188-9196.	5.7	264
17	PHOG, a candidate gene for involvement in the short stature of Turner syndrome. <i>Human Molecular Genetics</i> , 1997, 6, 1341-1347.	1.4	255
18	The small leucine-rich proteoglycan biglycan modulates BMP-induced osteoblast differentiation. <i>FASEB Journal</i> , 2004, 18, 948-958.	0.2	255

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19	A crucial role of caspase-3 in osteogenic differentiation of bone marrow stromal stem cells. <i>Journal of Clinical Investigation</i> , 2004, 114, 1704-1713.	3.9	221
20	Extracellular Matrix Proteoglycans Control the Fate of Bone Marrow Stromal Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 30481-30489.	1.6	220
21	Biglycan. <i>Journal of Histochemistry and Cytochemistry</i> , 2012, 60, 963-975.	1.3	196
22	Bone matrix proteins: their function, regulation, and relationship to osteoporosis. <i>Osteoporosis International</i> , 2003, 14, 35-42.	1.3	192
23	Genetic Evidence for the Coordinated Regulation of Collagen Fibrillogenesis in the Cornea by Decorin and Biglycan. <i>Journal of Biological Chemistry</i> , 2009, 284, 8888-8897.	1.6	192
24	Factor H Binding to Bone Sialoprotein and Osteopontin Enables Tumor Cell Evasion of Complement-mediated Attack. <i>Journal of Biological Chemistry</i> , 2000, 275, 16666-16672.	1.6	188
25	The proteoglycan biglycan regulates expression of the B cell chemoattractant CXCL13 and aggravates murine lupus nephritis. <i>Journal of Clinical Investigation</i> , 2010, 120, 4251-4272.	3.9	177
26	Tendon Functional Extracellular Matrix. <i>Journal of Orthopaedic Research</i> , 2015, 33, 793-799.	1.2	171
27	Hedgehog Signaling in Mature Osteoblasts Regulates Bone Formation and Resorption by Controlling PTHrP and RANKL Expression. <i>Developmental Cell</i> , 2008, 14, 674-688.	3.1	170
28	Structure, Expression, and Regulation of the Major Noncollagenous Matrix Proteins of Bone. <i>Clinical Orthopaedics and Related Research</i> , 1992, &NA;, 275??294.	0.7	169
29	Pharmacologic Stem Cell Based Intervention as a New Approach to Osteoporosis Treatment in Rodents. <i>PLoS ONE</i> , 2008, 3, e2615.	1.1	155
30	Biglycan knockout mice: New models for musculoskeletal diseases. <i>Glycoconjugate Journal</i> , 2002, 19, 257-262.	1.4	151
31	Modulation of canonical Wnt signaling by the extracellular matrix component biglycan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17022-17027.	3.3	144
32	Paracrine or virus-mediated induction of decorin expression by endothelial cells contributes to tube formation and prevention of apoptosis in collagen lattices. <i>European Journal of Cell Biology</i> , 1999, 78, 44-55.	1.6	141
33	$\hat{p}^{Np63}$ functions as both a positive and a negative transcriptional regulator and blocks in vitro differentiation of murine keratinocytes. <i>Oncogene</i> , 2003, 22, 3635-3644.	2.6	135
34	Age-Related Osteoporosis in Biglycan-Deficient Mice Is Related to Defects in Bone Marrow Stromal Cells. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 331-340.	3.1	134
35	Bone matrix mRNA expression in differentiating fetal bovine osteoblasts. <i>Journal of Bone and Mineral Research</i> , 1992, 7, 743-754.	3.1	133
36	The Biology of Small Leucine-rich Proteoglycans in Bone Pathophysiology. <i>Journal of Biological Chemistry</i> , 2012, 287, 33926-33933.	1.6	130

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37	Exercise-induced changes in the cortical bone of growing mice are bone- and gender-specific. <i>Bone</i> , 2007, 40, 1120-1127.	1.4	128
38	Biglycan Deficiency Causes Spontaneous Aortic Dissection and Rupture in Mice. <i>Circulation</i> , 2007, 115, 2731-2738.	1.6	126
39	Thrombospondin is an osteoblast-derived component of mineralized extracellular matrix.. <i>Journal of Cell Biology</i> , 1989, 108, 719-727.	2.3	123
40	Freeform fabricated scaffolds with roughened struts that enhance both stem cell proliferation and differentiation by controlling cell shape. <i>Biomaterials</i> , 2012, 33, 4022-4030.	5.7	121
41	WISP-1/CCN4 regulates osteogenesis by enhancing BMP-2 activity. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 193-208.	3.1	120
42	Bone Sialoprotein Mediates Human Endothelial Cell Attachment and Migration and Promotes Angiogenesis. <i>Circulation Research</i> , 2000, 86, 885-891.	2.0	113
43	Animal models of osteoarthritis: lessons learned while seeking the "Holy Grail". <i>Current Opinion in Rheumatology</i> , 2006, 18, 537-547.	2.0	113
44	Modulus-driven differentiation of marrow stromal cells in 3D scaffolds that is independent of myosin-based cytoskeletal tension. <i>Biomaterials</i> , 2011, 32, 2256-2264.	5.7	113
45	Osteontctin mRNA: distribution in normal and transformed cells. <i>Nucleic Acids Research</i> , 1986, 14, 4483-4497.	6.5	111
46	A TGF- $\beta$ -inducible cell adhesion molecule, $\beta$ ig-h3, is downregulated in melorheostosis and involved in osteogenesis. , 2000, 77, 169-178.		108
47	Decorin Deficiency Leads to Impaired Angiogenesis in Injured Mouse Cornea. <i>Journal of Vascular Research</i> , 2004, 41, 499-508.	0.6	106
48	Identification of the leucine-rich amelogenin peptide (LRAP) as the translation product of an alternatively spliced transcript. <i>Biochemical and Biophysical Research Communications</i> , 1991, 174, 1306-1312.	1.0	104
49	Biglycan and Fibromodulin Have Essential Roles in Regulating Chondrogenesis and Extracellular Matrix Turnover in Temporomandibular Joint Osteoarthritis. <i>American Journal of Pathology</i> , 2010, 176, 812-826.	1.9	97
50	Journal of Bone and Mineral Research. <i>Journal of Bone and Mineral Research</i> , 1993, 8, S483-S487.	3.1	94
51	Transient up-regulation of biglycan during skeletal muscle regeneration: delayed fiber growth along with decorin increase in biglycan-deficient mice. <i>Developmental Biology</i> , 2004, 268, 358-371.	0.9	92
52	Receptor tyrosine kinase expression in human bone marrow stromal cells. , 1998, 177, 426-438.		88
53	Structure and expression of the bovine amelogenin gene. <i>Biochemistry</i> , 1991, 30, 1075-1079.	1.2	87
54	Changes in osteonectin distribution and levels are associated with mineralization of the chicken tibial growth cartilage. <i>Calcified Tissue International</i> , 1990, 47, 51-61.	1.5	82

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55	Biglycan deficiency increases osteoclast differentiation and activity due to defective osteoblasts. <i>Bone</i> , 2006, 38, 778-786.	1.4	80
56	Isolation of cDNA and genomic DNA clones encoding type II collagen. <i>Nucleic Acids Research</i> , 1984, 12, 4207-4228.	6.5	79
57	WNT1-induced Secreted Protein-1 (WISP1), a Novel Regulator of Bone Turnover and Wnt Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 14004-14018.	1.6	79
58	Biglycan modulates angiogenesis and bone formation during fracture healing. <i>Matrix Biology</i> , 2014, 35, 223-231.	1.5	76
59	Interclass small leucine-rich repeat proteoglycan interactions regulate collagen fibrillogenesis and corneal stromal assembly. <i>Matrix Biology</i> , 2014, 35, 103-111.	1.5	76
60	Impact on Bone of an Estrogen Receptor- $\beta$ Gene Loss of Function Mutation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3088-3096.	1.8	74
61	The Human Bone Sialoprotein Gene (IBSP): Genomic Localization and Characterization. <i>Genomics</i> , 1993, 17, 408-415.	1.3	73
62	Fibromodulin-deficient Mice Display Impaired Collagen Fibrillogenesis in Predentin as Well as Altered Dentin Mineralization and Enamel Formation. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 525-537.	1.3	71
63	Cell-surface phosphatidylserine regulates osteoclast precursor fusion. <i>Journal of Biological Chemistry</i> , 2018, 293, 254-270.	1.6	67
64	Opposing Influences of Glucocorticoid and Retinoic Acid on Transcriptional Control in Preosteoblasts. <i>Molecular Endocrinology</i> , 1989, 3, 2079-2085.	3.7	65
65	Localization of PGI (biglycan, BGN) and PGII (decorin, DCN, PG-40) genes on human chromosomes Xq13-qter and 12q, respectively. <i>Genomics</i> , 1990, 6, 219-225.	1.3	64
66	WISP1/CCN4: A Potential Target for Inhibiting Prostate Cancer Growth and Spread to Bone. <i>PLoS ONE</i> , 2013, 8, e71709.	1.1	64
67	The cDNA cloning and RNA distribution of bovine osteopontin. <i>Gene</i> , 1991, 108, 237-243.	1.0	60
68	Differential display of human marrow stromal cells reveals unique mRNA expression patterns in response to dexamethasone. <i>Journal of Cellular Biochemistry</i> , 2000, 76, 231-243.	1.2	60
69	Deficiency of Biglycan Causes Cardiac Fibroblasts to Differentiate into a Myofibroblast Phenotype. <i>Journal of Biological Chemistry</i> , 2011, 286, 17365-17375.	1.6	60
70	Biglycan Is an Extracellular MuSK Binding Protein Important for Synapse Stability. <i>Journal of Neuroscience</i> , 2012, 32, 2324-2334.	1.7	59
71	Systems Nutrigenomics Reveals Brain Gene Networks Linking Metabolic and Brain Disorders. <i>EBioMedicine</i> , 2016, 7, 157-166.	2.7	59
72	Nanofiber scaffold gradients for interfacial tissue engineering. <i>Journal of Biomaterials Applications</i> , 2013, 27, 695-705.	1.2	58

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73	The X-chromosomal human biglycan gene BGN is subject to X inactivation but is transcribed like an X-Y homologous gene. <i>Human Genetics</i> , 1995, 96, 44-52.	1.8	57
74	Structure and Expression of Osteonectin Mrna in Human Tissue. <i>Connective Tissue Research</i> , 1990, 24, 17-28.	1.1	56
75	Localization of osteonectin expression in human fetal skeletal tissues by in situ hybridization. <i>Calcified Tissue International</i> , 1989, 45, 146-152.	1.5	55
76	Regulation of Fibrillin-1 by Biglycan and Decorin Is Important for Tissue Preservation in the Kidney During Pressure-Induced Injury. <i>American Journal of Pathology</i> , 2004, 165, 383-396.	1.9	55
77	Combinatorial screening of osteoblast response to 3D calcium phosphate/poly( $\mu$ -caprolactone) scaffolds using gradients and arrays. <i>Biomaterials</i> , 2011, 32, 1361-1369.	5.7	55
78	Biglycan binds to $\alpha$ 1- and $\beta$ 3-sarcoglycan and regulates their expression during development. <i>Journal of Cellular Physiology</i> , 2006, 209, 439-447.	2.0	54
79	Genetic evidence for key roles of decorin and biglycan in dentin mineralization. <i>Matrix Biology</i> , 2009, 28, 129-136.	1.5	54
80	CCN4/WISP1 controls cutaneous wound healing by modulating proliferation, migration and ECM expression in dermal fibroblasts via $\alpha$ 5 $\beta$ 1 and TNF $\alpha$ . <i>Matrix Biology</i> , 2018, 68-69, 533-546.	1.5	54
81	TGF $\beta$ 1 and WISP1/CCN4 can regulate each other's activity to cooperatively control osteoblast function. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 1865-1878.	1.2	52
82	Gene Expression Profile of Human Bone Marrow Stromal Cells: High-Throughput Expressed Sequence Tag Sequencing Analysis. <i>Genomics</i> , 2002, 79, 7-17.	1.3	51
83	Variation in Mineral Properties in Normal and Mutant Bones and Teeth. <i>Cells Tissues Organs</i> , 2005, 181, 144-153.	1.3	50
84	Biglycan Deficiency Interferes With Ovariectomy-Induced Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 2152-2158.	3.1	46
85	Regulation, Regulatory Activities, and Function of Biglycan. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2004, 14, 301-316.	0.4	46
86	The Proteoglycan Biglycan Enhances Antigen-Specific T Cell Activation Potentially via MyD88 and TRIF Pathways and Triggers Autoimmune Perimyocarditis. <i>Journal of Immunology</i> , 2011, 187, 6217-6226.	0.4	46
87	Small leucine rich proteoglycans, a novel link to osteoclastogenesis. <i>Scientific Reports</i> , 2017, 7, 12627.	1.6	45
88	Mice Deficient in Biglycan and Fibromodulin as a Model for Temporomandibular Joint Osteoarthritis. <i>Cells Tissues Organs</i> , 2005, 181, 136-143.	1.3	44
89	The mechanical phenotype of biglycan-deficient mice is bone- and gender-specific. <i>Bone</i> , 2006, 39, 106-116.	1.4	44
90	Characterization of bone PG II cDNA and its relationship to PG II mRNA from other connective tissues. <i>Nucleic Acids Research</i> , 1986, 14, 9861-9876.	6.5	43

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91	Human Decorin Gene: Intron-Exon Junctions and Chromosomal Localization. <i>Genomics</i> , 1993, 15, 161-168.	1.3	42
92	The human tuftelin gene: cloning and characterization. <i>Gene</i> , 2001, 279, 181-196.	1.0	42
93	The Potential Functional Interaction of Biglycan and WISP-1 in Controlling Differentiation and Proliferation of Osteogenic Cells. <i>Cells Tissues Organs</i> , 2009, 189, 153-157.	1.3	41
94	Isolation of the osteonectin gene: evidence that a variable region of the osteonectin molecule is encoded within one exon. <i>Biochemistry</i> , 1988, 27, 1483-1489.	1.2	40
95	Absence of Biglycan Accelerates the Degenerative Process in Mouse Intervertebral Disc. <i>Spine</i> , 2009, 34, E911-E917.	1.0	40
96	Biglycan potentially regulates angiogenesis during fracture repair by altering expression and function of endostatin. <i>Matrix Biology</i> , 2016, 52-54, 141-150.	1.5	39
97	Synthetic Peptide Antisera: Their Production and Use in the Cloning of Matrix Proteins. <i>Connective Tissue Research</i> , 1989, 21, 43-50.	1.1	38
98	Biglycan-Deficient Mice Have Delayed Osteogenesis after Marrow Ablation. <i>Calcified Tissue International</i> , 2003, 72, 577-582.	1.5	37
99	Regeneration of bone and periodontal ligament induced by recombinant amelogenin after periodontitis. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1110-1124.	1.6	37
100	The Small Leucine-Rich Proteoglycan BGN Accumulates in CADASIL and Binds to NOTCH3. <i>Translational Stroke Research</i> , 2015, 6, 148-155.	2.3	36
101	Biglycan in the Skeleton. <i>Journal of Histochemistry and Cytochemistry</i> , 2020, 68, 747-762.	1.3	30
102	Fluocinolone Acetonide Is a Potent Synergistic Factor of TGF- $\beta$ 3-Associated Chondrogenesis of Bone Marrow-Derived Mesenchymal Stem Cells for Articular Surface Regeneration. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1585-1596.	3.1	29
103	Inhibition of stromal biglycan promotes normalization of the tumor microenvironment and enhances chemotherapeutic efficacy. <i>Breast Cancer Research</i> , 2021, 23, 51.	2.2	29
104	Functional Characterization of the Human Biglycan 5'-Flanking DNA and Binding of the Transcription Factor c-Krox. <i>Journal of Bone and Mineral Research</i> , 1997, 12, 2050-2060.	3.1	28
105	Tuftelin aspects of protein and gene structure. <i>European Journal of Oral Sciences</i> , 1998, 106, 315-323.	0.7	28
106	CCN4/WISP-1 positively regulates chondrogenesis by controlling TGF- $\beta$ 3 function. <i>Bone</i> , 2016, 83, 162-170.	1.4	28
107	WISP1 is associated to advanced disease, EMT and an inflamed tumor microenvironment in multiple solid tumors. <i>Oncolmmunology</i> , 2019, 8, e1581545.	2.1	28
108	MOLECULAR AND CELLULAR BIOLOGY OF THE MAJOR NONCOLLAGENOUS PROTEINS IN BONE. , 1993, , 191-234.		27

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109	Double FYVE-containing protein 1 (DFCP1): isolation, cloning and characterization of a novel FYVE finger protein from a human bone marrow cDNA library. <i>Gene</i> , 2000, 255, 195-203.	1.0	24
110	Impaired posterior frontal sutural fusion in the biglycan/decorin double deficient mice. <i>Bone</i> , 2007, 40, 861-866.	1.4	24
111	Fabricating Gradient Hydrogel Scaffolds for 3D Cell Culture. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2011, 14, 227-236.	0.6	24
112	Small Leucine-Rich Proteoglycans. , 2011, , 197-231.		23
113	Wisp1 is a circulating factor that stimulates proliferation of adult mouse and human beta cells. <i>Nature Communications</i> , 2020, 11, 5982.	5.8	23
114	Fibromodulin-Deficient Mice Reveal Dual Functions for Fibromodulin in Regulating Dental Tissue and Alveolar Bone Formation. <i>Cells Tissues Organs</i> , 2009, 189, 198-202.	1.3	22
115	Skeletal biology: Where matrix meets mineral. <i>Matrix Biology</i> , 2016, 52-54, 1-6.	1.5	21
116	Isolation and partial characterization of genomic clones coding for a human pro-alpha.1(II) collagen chain and demonstration of restriction fragment length polymorphism at the 3' end of the gene. <i>Biochemistry</i> , 1985, 24, 6343-6348.	1.2	20
117	Mouse models of osteoarthritis provide new research tools. <i>Trends in Pharmacological Sciences</i> , 2005, 26, 333-335.	4.0	18
118	Differential Effects of Fibromodulin Deficiency on Mouse Mandibular Bones and Teeth: A Micro-CT Time Course Study. <i>Cells Tissues Organs</i> , 2011, 194, 205-210.	1.3	18
119	Biglycan: a promising new therapeutic for neuromuscular and musculoskeletal diseases. <i>Current Opinion in Genetics and Development</i> , 2012, 22, 398-400.	1.5	18
120	Expression of the osteonectin gene potentially controlled by multiple Cis- and trans-acting factors in cultured bone cells. <i>Journal of Bone and Mineral Research</i> , 1991, 6, 1127-1136.	3.1	17
121	Diverse forms of stress results in changes in cellular levels of osteonectin/SPARC without altering mRNA levels in osteoligament cells. <i>Calcified Tissue International</i> , 1991, 49, 58-62.	1.5	15
122	Partial characterization of a novel 5'-GGA-3' factor which binds to the osteonectin promoter in bovine bone cells. <i>Gene</i> , 1993, 130, 225-232.	1.0	15
123	Immortalization and Characterization of Bone Marrow Stromal Fibroblasts from a Patient with a Loss of Function Mutation in the Estrogen Receptor-1 Gene. <i>Journal of Bone and Mineral Research</i> , 1998, 13, 598-608.	3.1	15
124	Mice Deficient in <i>AKAP13</i> ( <i>BRX</i> ) Are Osteoporotic and Have Impaired Osteogenesis. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1887-1895.	3.1	15
125	Renal tubular epithelial cells express osteonectin in vivo and in vitro. <i>Kidney International</i> , 1992, 41, 56-64.	2.6	14
126	Dissection of the sets of genes that control the behavior of biglycan-deficient pre-osteoblasts using oligonucleotide microarrays. <i>Bone</i> , 2005, 37, 192-203.	1.4	14



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127	Extracellular Matrix Mediates BMP-2 in a Model of Temporomandibular Joint Osteoarthritis. <i>Cells Tissues Organs</i> , 2017, 204, 84-92.	1.3	14
128	Isolation, production, and analysis of small leucine-rich proteoglycans in bone. <i>Methods in Cell Biology</i> , 2018, 143, 281-296.	0.5	13
129	Collagen VI $\pm$ 2 chain deficiency causes trabecular bone loss by potentially promoting osteoclast differentiation through enhanced TNF $\pm$ signaling. <i>Scientific Reports</i> , 2020, 10, 13749.	1.6	13
130	Cloning and sequence analysis of bovine bone sialoprotein cDNA: Conservation of acidic domains, tyrosine sulfation consensus repeats, and RGD cell attachment domain. <i>Journal of Bone and Mineral Research</i> , 1994, 9, 417-421.	3.1	12
131	Bone glycoproteins. <i>Methods in Enzymology</i> , 1987, 145, 269-289.	0.4	10
132	Regulated Expression of Osteopontin in Human Trophoblasts. <i>Annals of the New York Academy of Sciences</i> , 1995, 760, 346-349.	1.8	10
133	Expression of transcription factors and matrix genes in response to serum stimulus in vascular smooth muscle cells. <i>European Journal of Cell Biology</i> , 2003, 82, 119-129.	1.6	10
134	The Human Bone Sialoprotein Gene Contains an NF-E1/YY1 Cis-Acting Sequence with Putative Regulatory Activity. <i>Calcified Tissue International</i> , 1997, 60, 276-282.	1.5	9
135	Efficient Gene Transfer into Normal Human Skeletal Cells Using Recombinant Adenovirus and Conjugated Adenovirus-DNA Complexes. <i>Calcified Tissue International</i> , 1999, 64, 45-49.	1.5	8
136	Transcriptional regulation restricting bone sialoprotein gene expression to both hypertrophic chondrocytes and osteoblasts. <i>Journal of Cellular Biochemistry</i> , 2002, 87, 458-469.	1.2	8
137	Coordinate roles for collagen VI and biglycan in regulating tendon collagen fibril structure and function. <i>Matrix Biology Plus</i> , 2022, 13, 100099.	1.9	7
138	OPG-Fc treatment partially rescues low bone mass phenotype in mature Bgn/Fmod deficient mice but is deleterious to the young mouse skeleton. <i>Journal of Structural Biology</i> , 2020, 212, 107627.	1.3	5
139	Type VI Collagen Regulates Endochondral Ossification in the Temporomandibular Joint. <i>JBMR Plus</i> , 2022, 6, e10617.	1.3	5
140	Interaction of Osteonectin and Type I Collagen in Bone Cells. <i>Annals of the New York Academy of Sciences</i> , 1990, 580, 526-528.	1.8	3
141	Exercise Can Reverse the Phenotype of Biglycan Deficient Mice. , 2003, , .		1
142	Estrogen receptors in bone. <i>Current Opinion in Orthopaedics</i> , 1999, 10, 361-366.	0.3	0
143	Bone Matrix Proteoglycans in Skeletal Function. , 2014, , 85-95.		0
144	Analysis of CCN4 Function in Osteogenic and Osteoclastic Cells Using Gain and Loss of Function Approaches. <i>Methods in Molecular Biology</i> , 2017, 1489, 347-359.	0.4	0