

Marian F Young

List of Publications by Year in descending order

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Version: 2024-02-01

144
papers

18,861
citations

17440

63
h-index

11939

134
g-index

147
all docs

147
docs citations

147
times ranked

16979
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Coordinate roles for collagen VI and biglycan in regulating tendon collagen fibril structure and function. <i>Matrix Biology Plus</i> , 2022, 13, 100099. | 3.5 | 7 |
| 2 | Type <scp>VI</scp> Collagen Regulates Endochondral Ossification in the Temporomandibular Joint. <i>JBMR Plus</i> , 2022, 6, e10617. | 2.7 | 5 |
| 3 | Inhibition of stromal biglycan promotes normalization of the tumor microenvironment and enhances chemotherapeutic efficacy. <i>Breast Cancer Research</i> , 2021, 23, 51. | 5.0 | 29 |
| 4 | 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. | 2.8 | 5 |
| 5 | Wisp1 is a circulating factor that stimulates proliferation of adult mouse and human beta cells. <i>Nature Communications</i> , 2020, 11, 5982. | 12.8 | 23 |
| 6 | Collagen VI α 2 chain deficiency causes trabecular bone loss by potentially promoting osteoclast differentiation through enhanced TNF α signaling. <i>Scientific Reports</i> , 2020, 10, 13749. | 3.3 | 13 |
| 7 | Biglycan in the Skeleton. <i>Journal of Histochemistry and Cytochemistry</i> , 2020, 68, 747-762. | 2.5 | 30 |
| 8 | WISP1 is associated to advanced disease, EMT and an inflamed tumor microenvironment in multiple solid tumors. <i>Oncolmmunology</i> , 2019, 8, e1581545. | 4.6 | 28 |
| 9 | CCN4/WISP1 controls cutaneous wound healing by modulating proliferation, migration and ECM expression in dermal fibroblasts via β 1 and TNF α . <i>Matrix Biology</i> , 2018, 68-69, 533-546. | 3.6 | 54 |
| 10 | Cell-surface phosphatidylserine regulates osteoclast precursor fusion. <i>Journal of Biological Chemistry</i> , 2018, 293, 254-270. | 3.4 | 67 |
| 11 | Isolation, production, and analysis of small leucine-rich proteoglycans in bone. <i>Methods in Cell Biology</i> , 2018, 143, 281-296. | 1.1 | 13 |
| 12 | Extracellular Matrix Mediates BMP-2 in a Model of Temporomandibular Joint Osteoarthritis. <i>Cells Tissues Organs</i> , 2017, 204, 84-92. | 2.3 | 14 |
| 13 | Small leucine rich proteoglycans, a novel link to osteoclastogenesis. <i>Scientific Reports</i> , 2017, 7, 12627. | 3.3 | 45 |
| 14 | 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. | 0.9 | 0 |
| 15 | Systems Nutrigenomics Reveals Brain Gene Networks Linking Metabolic and Brain Disorders. <i>EBioMedicine</i> , 2016, 7, 157-166. | 6.1 | 59 |
| 16 | Skeletal biology: Where matrix meets mineral. <i>Matrix Biology</i> , 2016, 52-54, 1-6. | 3.6 | 21 |
| 17 | Biglycan potentially regulates angiogenesis during fracture repair by altering expression and function of endostatin. <i>Matrix Biology</i> , 2016, 52-54, 141-150. | 3.6 | 39 |
| 18 | CCN4/WISP-1 positively regulates chondrogenesis by controlling TGF- β 3 function. <i>Bone</i> , 2016, 83, 162-170. | 2.9 | 28 |

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|----|--|------|-----------|
| 19 | Fluocinolone Acetonide Is a Potent Synergistic Factor of TGF- β 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. | 2.8 | 29 |
| 20 | 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. | 2.8 | 15 |
| 21 | Tendon Functional Extracellular Matrix. <i>Journal of Orthopaedic Research</i> , 2015, 33, 793-799. | 2.3 | 171 |
| 22 | The Small Leucine-Rich Proteoglycan BGN Accumulates in CADASIL and Binds to NOTCH3. <i>Translational Stroke Research</i> , 2015, 6, 148-155. | 4.2 | 36 |
| 23 | 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. | 3.4 | 79 |
| 24 | Bone Matrix Proteoglycans in Skeletal Function. , 2014, , 85-95. | | 0 |
| 25 | Biglycan modulates angiogenesis and bone formation during fracture healing. <i>Matrix Biology</i> , 2014, 35, 223-231. | 3.6 | 76 |
| 26 | Interclass small leucine-rich repeat proteoglycan interactions regulate collagen fibrillogenesis and corneal stromal assembly. <i>Matrix Biology</i> , 2014, 35, 103-111. | 3.6 | 76 |
| 27 | Nanofiber scaffold gradients for interfacial tissue engineering. <i>Journal of Biomaterials Applications</i> , 2013, 27, 695-705. | 2.4 | 58 |
| 28 | WISP1/CCN4: A Potential Target for Inhibiting Prostate Cancer Growth and Spread to Bone. <i>PLoS ONE</i> , 2013, 8, e71709. | 2.5 | 64 |
| 29 | The Biology of Small Leucine-rich Proteoglycans in Bone Pathophysiology. <i>Journal of Biological Chemistry</i> , 2012, 287, 33926-33933. | 3.4 | 130 |
| 30 | Biglycan Is an Extracellular MuSK Binding Protein Important for Synapse Stability. <i>Journal of Neuroscience</i> , 2012, 32, 2324-2334. | 3.6 | 59 |
| 31 | Biglycan. <i>Journal of Histochemistry and Cytochemistry</i> , 2012, 60, 963-975. | 2.5 | 196 |
| 32 | Biglycan: a promising new therapeutic for neuromuscular and musculoskeletal diseases. <i>Current Opinion in Genetics and Development</i> , 2012, 22, 398-400. | 3.3 | 18 |
| 33 | 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. | 11.4 | 121 |
| 34 | Small Leucine-Rich Proteoglycans. , 2011, , 197-231. | | 23 |
| 35 | Dentin structure composition and mineralization. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 711-735. | 1.8 | 504 |
| 36 | Fabricating Gradient Hydrogel Scaffolds for 3D Cell Culture. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2011, 14, 227-236. | 1.1 | 24 |

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|----|---|------|-----------|
| 37 | The determination of stem cell fate by 3D scaffold structures through the control of cell shape. <i>Biomaterials</i> , 2011, 32, 9188-9196. | 11.4 | 264 |
| 38 | 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. | 11.4 | 113 |
| 39 | WISP-1/CCN4 regulates osteogenesis by enhancing BMP-2 activity. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 193-208. | 2.8 | 120 |
| 40 | Combinatorial screening of osteoblast response to 3D calcium phosphate/poly(μ -caprolactone) scaffolds using gradients and arrays. <i>Biomaterials</i> , 2011, 32, 1361-1369. | 11.4 | 55 |
| 41 | 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. | 0.8 | 46 |
| 42 | 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. | 7.1 | 144 |
| 43 | 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. | 2.3 | 18 |
| 44 | Deficiency of Biglycan Causes Cardiac Fibroblasts to Differentiate into a Myofibroblast Phenotype. <i>Journal of Biological Chemistry</i> , 2011, 286, 17365-17375. | 3.4 | 60 |
| 45 | The effect of 3D hydrogel scaffold modulus on osteoblast differentiation and mineralization revealed by combinatorial screening. <i>Biomaterials</i> , 2010, 31, 5051-5062. | 11.4 | 265 |
| 46 | 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. | 3.8 | 97 |
| 47 | 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. | 8.2 | 177 |
| 48 | 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. | 3.4 | 192 |
| 49 | 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. | 2.3 | 22 |
| 50 | 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. | 2.3 | 41 |
| 51 | Regeneration of bone and periodontal ligament induced by recombinant amelogenin after periodontitis. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1110-1124. | 3.6 | 37 |
| 52 | 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. | 3.4 | 407 |
| 53 | Genetic evidence for key roles of decorin and biglycan in dentin mineralization. <i>Matrix Biology</i> , 2009, 28, 129-136. | 3.6 | 54 |
| 54 | Absence of Biglycan Accelerates the Degenerative Process in Mouse Intervertebral Disc. <i>Spine</i> , 2009, 34, E911-E917. | 2.0 | 40 |

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|----|---|------|-----------|
| 55 | TGF β ²¹ and WISP ¹ /CCN ⁴ can regulate each other's activity to cooperatively control osteoblast function. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 1865-1878. | 2.6 | 52 |
| 56 | Hedgehog Signaling in Mature Osteoblasts Regulates Bone Formation and Resorption by Controlling PTHrP and RANKL Expression. <i>Developmental Cell</i> , 2008, 14, 674-688. | 7.0 | 170 |
| 57 | Impact on Bone of an Estrogen Receptor- β Gene Loss of Function Mutation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3088-3096. | 3.6 | 74 |
| 58 | Pharmacologic Stem Cell Based Intervention as a New Approach to Osteoporosis Treatment in Rodents. <i>PLoS ONE</i> , 2008, 3, e2615. | 2.5 | 155 |
| 59 | Biglycan Deficiency Causes Spontaneous Aortic Dissection and Rupture in Mice. <i>Circulation</i> , 2007, 115, 2731-2738. | 1.6 | 126 |
| 60 | Impaired posterior frontal sutural fusion in the biglycan/decorin double deficient mice. <i>Bone</i> , 2007, 40, 861-866. | 2.9 | 24 |
| 61 | Exercise-induced changes in the cortical bone of growing mice are bone- and gender-specific. <i>Bone</i> , 2007, 40, 1120-1127. | 2.9 | 128 |
| 62 | Identification of tendon stem/progenitor cells and the role of the extracellular matrix in their niche. <i>Nature Medicine</i> , 2007, 13, 1219-1227. | 30.7 | 1,211 |
| 63 | Biglycan deficiency increases osteoclast differentiation and activity due to defective osteoblasts. <i>Bone</i> , 2006, 38, 778-786. | 2.9 | 80 |
| 64 | The mechanical phenotype of biglycan-deficient mice is bone- and gender-specific. <i>Bone</i> , 2006, 39, 106-116. | 2.9 | 44 |
| 65 | Animal models of osteoarthritis: lessons learned while seeking the "Holy Grail". <i>Current Opinion in Rheumatology</i> , 2006, 18, 537-547. | 4.3 | 113 |
| 66 | Biglycan binds to β - and β ³ -sarcoglycan and regulates their expression during development. <i>Journal of Cellular Physiology</i> , 2006, 209, 439-447. | 4.1 | 54 |
| 67 | 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. | 2.5 | 71 |
| 68 | Extracellular Matrix Proteoglycans Control the Fate of Bone Marrow Stromal Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 30481-30489. | 3.4 | 220 |
| 69 | Mice Deficient in Biglycan and Fibromodulin as a Model for Temporomandibular Joint Osteoarthritis. <i>Cells Tissues Organs</i> , 2005, 181, 136-143. | 2.3 | 44 |
| 70 | Variation in Mineral Properties in Normal and Mutant Bones and Teeth. <i>Cells Tissues Organs</i> , 2005, 181, 144-153. | 2.3 | 50 |
| 71 | 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. | 8.2 | 718 |
| 72 | 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. | 2.9 | 14 |

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|----|---|------|-----------|
| 73 | Mouse models of osteoarthritis provide new research tools. <i>Trends in Pharmacological Sciences</i> , 2005, 26, 333-335. | 8.7 | 18 |
| 74 | 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. | 8.2 | 221 |
| 75 | Regulation, Regulatory Activities, and Function of Biglycan. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2004, 14, 301-316. | 0.9 | 46 |
| 76 | Decorin Deficiency Leads to Impaired Angiogenesis in Injured Mouse Cornea. <i>Journal of Vascular Research</i> , 2004, 41, 499-508. | 1.4 | 106 |
| 77 | The small leucine-rich proteoglycan biglycan modulates BMP-induced osteoblast differentiation. <i>FASEB Journal</i> , 2004, 18, 948-958. | 0.5 | 255 |
| 78 | 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. | 2.0 | 92 |
| 79 | 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. | 3.8 | 55 |
| 80 | Investigation of multipotent postnatal stem cells from human periodontal ligament. <i>Lancet, The</i> , 2004, 364, 149-155. | 13.7 | 2,920 |
| 81 | Biglycan Deficiency Interferes With Ovariectomy-Induced Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 2152-2158. | 2.8 | 46 |
| 82 | Biglycan-Deficient Mice Have Delayed Osteogenesis after Marrow Ablation. <i>Calcified Tissue International</i> , 2003, 72, 577-582. | 3.1 | 37 |
| 83 | Bone matrix proteins: their function, regulation, and relationship to osteoporosis. <i>Osteoporosis International</i> , 2003, 14, 35-42. | 3.1 | 192 |
| 84 | 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. | 3.6 | 10 |
| 85 | Î²Np63 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. | 5.9 | 135 |
| 86 | Exercise Can Reverse the Phenotype of Biglycan Deficient Mice. , 2003, , . | | 1 |
| 87 | 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. | 0.5 | 305 |
| 88 | 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. | 2.5 | 378 |
| 89 | Gene Expression Profile of Human Bone Marrow Stromal Cells: High-Throughput Expressed Sequence Tag Sequencing Analysis. <i>Genomics</i> , 2002, 79, 7-17. | 2.9 | 51 |
| 90 | Transcriptional regulation restricting bone sialoprotein gene expression to both hypertrophic chondrocytes and osteoblasts. <i>Journal of Cellular Biochemistry</i> , 2002, 87, 458-469. | 2.6 | 8 |

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|-----|--|------|-----------|
| 91 | 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. | 2.8 | 134 |
| 92 | 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. | 2.8 | 392 |
| 93 | Biglycan knockout mice: New models for musculoskeletal diseases. <i>Glycoconjugate Journal</i> , 2002, 19, 257-262. | 2.7 | 151 |
| 94 | The human tuftelin gene: cloning and characterization. <i>Gene</i> , 2001, 279, 181-196. | 2.2 | 42 |
| 95 | 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. | 2.6 | 60 |
| 96 | A TGF- β -inducible cell adhesion molecule, β ig-h3, is downregulated in melorheostosis and involved in osteogenesis. , 2000, 77, 169-178. | | 108 |
| 97 | Bone Sialoprotein Mediates Human Endothelial Cell Attachment and Migration and Promotes Angiogenesis. <i>Circulation Research</i> , 2000, 86, 885-891. | 4.5 | 113 |
| 98 | 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. | 3.4 | 188 |
| 99 | 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. | 2.2 | 24 |
| 100 | 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. | 3.1 | 8 |
| 101 | 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. | 3.6 | 141 |
| 102 | Estrogen receptors in bone. <i>Current Opinion in Orthopaedics</i> , 1999, 10, 361-366. | 0.3 | 0 |
| 103 | Immortalization and Characterization of Bone Marrow Stromal Fibroblasts from a Patient with a Loss of Function Mutation in the Estrogen Receptor- β Gene. <i>Journal of Bone and Mineral Research</i> , 1998, 13, 598-608. | 2.8 | 15 |
| 104 | Targeted disruption of the biglycan gene leads to an osteoporosis-like phenotype in mice. <i>Nature Genetics</i> , 1998, 20, 78-82. | 21.4 | 543 |
| 105 | Receptor tyrosine kinase expression in human bone marrow stromal cells. , 1998, 177, 426-438. | | 88 |
| 106 | Tuftelin aspects of protein and gene structure. <i>European Journal of Oral Sciences</i> , 1998, 106, 315-323. | 1.5 | 28 |
| 107 | PHOG, a candidate gene for involvement in the short stature of Turner syndrome. <i>Human Molecular Genetics</i> , 1997, 6, 1341-1347. | 2.9 | 255 |
| 108 | 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. | 2.8 | 28 |

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|-----|---|-----|-----------|
| 109 | 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. | 3.1 | 9 |
| 110 | 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. | 3.8 | 57 |
| 111 | Regulated Expression of Osteopontin in Human Trophoblasts. <i>Annals of the New York Academy of Sciences</i> , 1995, 760, 346-349. | 3.8 | 10 |
| 112 | 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 |
| 113 | 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. | 2.8 | 12 |
| 114 | Human Decorin Gene: Intron-Exon Junctions and Chromosomal Localization. <i>Genomics</i> , 1993, 15, 161-168. | 2.9 | 42 |
| 115 | The Human Bone Sialoprotein Gene (IBSP): Genomic Localization and Characterization. <i>Genomics</i> , 1993, 17, 408-415. | 2.9 | 73 |
| 116 | Partial characterization of a novel α -GGA TM factor which binds to the osteonectin promoter in bovine bone cells. <i>Gene</i> , 1993, 130, 225-232. | 2.2 | 15 |
| 117 | <i>Journal of Bone and Mineral Research</i> . <i>Journal of Bone and Mineral Research</i> , 1993, 8, S483-S487. | 2.8 | 94 |
| 118 | MOLECULAR AND CELLULAR BIOLOGY OF THE MAJOR NONCOLLAGENOUS PROTEINS IN BONE. , 1993, , 191-234. | | 27 |
| 119 | Structure, Expression, and Regulation of the Major Noncollagenous Matrix Proteins of Bone. <i>Clinical Orthopaedics and Related Research</i> , 1992, &NA;, 275???294. | 1.5 | 169 |
| 120 | Renal tubular epithelial cells express osteonectin in vivo and in vitro. <i>Kidney International</i> , 1992, 41, 56-64. | 5.2 | 14 |
| 121 | Bone matrix mRNA expression in differentiating fetal bovine osteoblasts. <i>Journal of Bone and Mineral Research</i> , 1992, 7, 743-754. | 2.8 | 133 |
| 122 | The cDNA cloning and RNA distribution of bovine osteopontin. <i>Gene</i> , 1991, 108, 237-243. | 2.2 | 60 |
| 123 | Structure and expression of the bovine amelogenin gene. <i>Biochemistry</i> , 1991, 30, 1075-1079. | 2.5 | 87 |
| 124 | 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. | 2.1 | 104 |
| 125 | Expression of bone sialoprotein (BSP) in developing human tissues. <i>Calcified Tissue International</i> , 1991, 49, 421-426. | 3.1 | 385 |
| 126 | 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. | 3.1 | 15 |

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|-----|--|------|-----------|
| 127 | 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. | 2.8 | 17 |
| 128 | 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. | 3.1 | 82 |
| 129 | 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. | 2.5 | 626 |
| 130 | cDNA cloning, mRNA distribution and heterogeneity, chromosomal location, and RFLP analysis of human osteopontin (OPN). <i>Genomics</i> , 1990, 7, 491-502. | 2.9 | 344 |
| 131 | Interaction of Osteonectin and Type I Collagen in Bone Cells. <i>Annals of the New York Academy of Sciences</i> , 1990, 580, 526-528. | 3.8 | 3 |
| 132 | Structure and Expression of Osteonectin Mrna in Human Tissue. <i>Connective Tissue Research</i> , 1990, 24, 17-28. | 2.3 | 56 |
| 133 | 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. | 2.9 | 64 |
| 134 | Thrombospondin is an osteoblast-derived component of mineralized extracellular matrix.. <i>Journal of Cell Biology</i> , 1989, 108, 719-727. | 5.2 | 123 |
| 135 | Opposing Influences of Glucocorticoid and Retinoic Acid on Transcriptional Control in Preosteoblasts. <i>Molecular Endocrinology</i> , 1989, 3, 2079-2085. | 3.7 | 65 |
| 136 | Localization of osteonectin expression in human fetal skeletal tissues byin situ hybridization. <i>Calcified Tissue International</i> , 1989, 45, 146-152. | 3.1 | 55 |
| 137 | Synthetic Peptide Antisera: Their Production and Use in the Cloning of Matrix Proteins. <i>Connective Tissue Research</i> , 1989, 21, 43-50. | 2.3 | 38 |
| 138 | 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. | 2.5 | 40 |
| 139 | Osteoblasts synthesize and respond to transforming growth factor-type beta (TGF-beta) in vitro.. <i>Journal of Cell Biology</i> , 1987, 105, 457-463. | 5.2 | 560 |
| 140 | Bone glycoproteins. <i>Methods in Enzymology</i> , 1987, 145, 269-289. | 1.0 | 10 |
| 141 | Osteontctin mRNA: distribution in normal and transformed cells. <i>Nucleic Acids Research</i> , 1986, 14, 4483-4497. | 14.5 | 111 |
| 142 | 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. | 14.5 | 43 |
| 143 | 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. | 2.5 | 20 |
| 144 | Isolation of cDNA and genomic DNA clones encoding type II collagen. <i>Nucleic Acids Research</i> , 1984, 12, 4207-4228. | 14.5 | 79 |