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List of Publications by Year
in descending order

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Version: 2024-02-01

47 papers	5,010 citations	109264 35 h-index	223716 46 g-index
47 all docs	47 docs citations	47 times ranked	3943 citing authors

#	Article	IF	Citations
1	Fibromodulin deficiency reduces collagen structural network but not glycosaminoglycan content in a syngeneic model of colon carcinoma. PLoS ONE, 2017, 12, e0182973.	1.1	6
2	The Tyrosine Kinase Inhibitor Imatinib Augments Extracellular Fluid Exchange and Reduces Average Collagen Fibril Diameter in Experimental Carcinoma. Molecular Cancer Therapeutics, 2016, 15, 2455-2464.	1.9	14
3	Dermatan sulfate epimerase 1 deficient mice as a model for human abdominal wall defects. Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 712-720.	1.6	13
4	Increased C-telopeptide Cross-linking of Tendon Type I Collagen in Fibromodulin-deficient Mice. Journal of Biological Chemistry, 2014, 289, 18873-18879.	1.6	65
5	Biological functions of iduronic acid in chondroitin/dermatan sulfate. FEBS Journal, 2013, 280, 2431-2446.	2.2	108
6	Fibromodulin Deficiency Reduces Low-Density Lipoprotein Accumulation in Atherosclerotic Plaques in Apolipoprotein Eâ€“Null Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 354-361.	1.1	25
7	Mouse development is not obviously affected by the absence of dermatan sulfate epimerase 2 in spite of a modified brain dermatan sulfate composition. Glycobiology, 2012, 22, 1007-1016.	1.3	29
8	Increased Fibrosis and Interstitial Fluid Pressure in Two Different Types of Syngeneic Murine Carcinoma Grown in Integrin Î²3-Subunit Deficient Mice. PLoS ONE, 2012, 7, e34082.	1.1	13
9	Fibromodulin regulates collagen fibrillogenesis during peripheral corneal development. Developmental Dynamics, 2010, 239, 844-854.	0.8	45
10	The role of small leucine-rich proteoglycans in collagen fibrillogenesis. Matrix Biology, 2010, 29, 248-253.	1.5	369
11	Biglycan and Fibromodulin Have Essential Roles in Regulating Chondrogenesis and Extracellular Matrix Turnover in Temporomandibular Joint Osteoarthritis. American Journal of Pathology, 2010, 176, 812-826.	1.9	97
12	Homologous Sequence in Lumican and Fibromodulin Leucine-rich Repeat 5-7 Competes for Collagen Binding. Journal of Biological Chemistry, 2009, 284, 534-539.	1.6	90
13	Dermatan Sulfate Epimerase 1-Deficient Mice Have Reduced Content and Changed Distribution of Iduronic Acids in Dermatan Sulfate and an Altered Collagen Structure in Skin. Molecular and Cellular Biology, 2009, 29, 5517-5528.	1.1	88
14	Asporin competes with decorin for collagen binding, binds calcium and promotes osteoblast collagen mineralization. Biochemical Journal, 2009, 423, 53-59.	1.7	127
15	Cartilage oligomeric matrix protein deficiency promotes early onset and the chronic development of collagen-induced arthritis. Arthritis Research and Therapy, 2008, 10, R134.	1.6	19
16	Fibromodulin Binds Collagen Type I via Glu-353 and Lys-355 in Leucine-rich Repeat 11. Journal of Biological Chemistry, 2007, 282, 26740-26745.	1.6	58
17	Collagen-binding proteoglycan fibromodulin can determine stroma matrix structure and fluid balance in experimental carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13966-13971.	3.3	80
18	The Decorin Sequence SYIRIADTNIT Binds Collagen Type I. Journal of Biological Chemistry, 2007, 282, 16062-16067.	1.6	69

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19	Fibromodulin-deficient Mice Display Impaired Collagen Fibrillogenesis in Predentin as Well as Altered Dentin Mineralization and Enamel Formation. Journal of Histochemistry and Cytochemistry, 2006, 54, 525-537.	1.3	71
20	Decorin Deficiency Leads to Impaired Angiogenesis in Injured Mouse Cornea. Journal of Vascular Research, 2004, 41, 499-508.	0.6	106
21	Initiation of the Decorin Glycosaminoglycan Chain in the Endoplasmic Reticulum-Golgi Intermediate Compartment. Journal of Biological Chemistry, 2003, 278, 21415-21420.	1.6	13
22	Ocular and Scleral Alterations in Gene-Targeted Lumican-Fibromodulin Double-Null Mice. , 2003, 44, 2422.		105
23	Abnormal collagen fibrils in tendons of biglycan/fibromodulinâ€deficient mice lead to gait impairment, ectopic ossification, and osteoarthritis. FASEB Journal, 2002, 16, 673-680.	0.2	305
24	A Syndrome of Joint Laxity and Impaired Tendon Integrity in Lumican- and Fibromodulin-deficient Mice. Journal of Biological Chemistry, 2002, 277, 35532-35540.	1.6	199
25	Cartilage Oligomeric Matrix Protein-Deficient Mice Have Normal Skeletal Development. Molecular and Cellular Biology, 2002, 22, 4366-4371.	1.1	152
26	GDF-5 Deficiency in Mice Leads to Disruption of Tail Tendon Form and Function. Connective Tissue Research, 2001, 42, 175-186.	1.1	61
27	Biglycan and Decorin Bind Close to the N-terminal Region of the Collagen VI Triple Helix. Journal of Biological Chemistry, 2001, 276, 18947-18952.	1.6	176
28	Differential Expression of Lumican and Fibromodulin Regulate Collagen Fibrillogenesis in Developing Mouse Tendons. Journal of Cell Biology, 2000, 151, 779-788.	2.3	316
29	Biosynthesis of decorin and glypican. Matrix Biology, 2000, 19, 367-376.	1.5	52
30	Fibromodulin and lumican bind to the same region on collagen type I fibrils. FEBS Letters, 2000, 470, 178-182.	1.3	164
31	Fibromodulin-null Mice Have Abnormal Collagen Fibrils, Tissue Organization, and Altered Lumican Deposition in Tendon. Journal of Biological Chemistry, 1999, 274, 9636-9647.	1.6	385
32	Initiation of galactosaminoglycan biosynthesis. Separate galactosylation and dephosphorylation pathways for phosphoxylosylated decorin protein and exogenous xyloside. FEBS Journal, 1999, 260, 879-884.	0.2	31
33	Staphylococcus aureus causing osteomyelitis binds to a nonapeptide sequence in bone sialoprotein. Biochemical Journal, 1997, 327, 825-829.	1.7	41
34	Biosynthesis of the Proteoglycan Decorin Transient 2-Phosphorylation of Xylose during Formation of the Trisaccharide Linkage Region. FEBS Journal, 1997, 248, 521-526.	0.2	47
35	Biosynthesis of the Proteoglycan Decorin. Identification of Intermediates in Galactosaminoglycan Assembly. FEBS Journal, 1997, 248, 767-774.	0.2	22
36	Amino-terminal deletions in the decorin core protein leads to the biosynthesis of proteoglycans with shorter glycosaminoglycan chains. FEBS Letters, 1996, 386, 29-32.	1.3	33

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37	Structure and deduced amino acid sequence of the human fibromodulin gene. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1993, 1174, 204-206.	2.4	50
38	Ultrastructural Immunolocalization of Osteopontin in Metaphyseal and Cortical Bone. Matrix Biology, 1991, 11, 206-213.	1.8	85
39	Structure and function of extracellular matrix proteoglycans. Biochemical Society Transactions, 1990, 18, 789-792.	1.6	53
40	Structure and biology of cartilage and bone matrix noncollagenous macromolecules. FASEB Journal, 1989, 3, 2042-2051.	0.2	525
41	Specific binding of bone sialoprotein to Staphylococcus aureus isolated from patients with osteomyelitis. FEBS Journal, 1989, 184, 331-336.	0.2	109
42	Macromolecules in bone matrix. Connective Tissue Research, 1989, 21, 3-14.	1.1	56
43	Adhesion of rat hepatocytes to collagen. Experimental Cell Research, 1978, 117, 165-177.	1.2	100
44	Structure and metabolism of rat liver heparan sulphate. Biochemical Journal, 1977, 164, 75-81.	1.7	79
45	Cold-insoluble globulin mediates the adhesion of rat liver cells to plastic petri dishes. Biochemical and Biophysical Research Communications, 1977, 79, 726-733.	1.0	146
46	Binding of heparin and heparan sulphate to rat liver cells. Biochemical and Biophysical Research Communications, 1977, 74, 126-133.	1.0	115
47	A heparan sulfate-degrading endoglycosidase from rat liver tissue. Biochemical and Biophysical Research Communications, 1975, 67, 1422-1428.	1.0	98