

# Thomas N Wight

## List of Publications by Year in descending order

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253  
papers

19,899  
citations

8159

76  
h-index

13727

129  
g-index

259  
all docs

259  
docs citations

259  
times ranked

18927  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human tissue-engineered blood vessels for adult arterial revascularization. <i>Nature Medicine</i> , 2006, 12, 361-365.	15.2	858
2	Versican: a versatile extracellular matrix proteoglycan in cell biology. <i>Current Opinion in Cell Biology</i> , 2002, 14, 617-623.	2.6	482
3	Formation of Hyaluronan- and Versican-Rich Pericellular Matrix Is Required for Proliferation and Migration of Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 1004-1013.	1.1	447
4	Extracellular Matrix Molecules: Potential Targets in Pharmacotherapy. <i>Pharmacological Reviews</i> , 2009, 61, 198-223.	7.1	436
5	Hyaluronan-Cell Interactions in Cancer and Vascular Disease. <i>Journal of Biological Chemistry</i> , 2002, 277, 4593-4596.	1.6	418
6	Versican V1 Proteolysis in Human Aorta in Vivo Occurs at the Glu441-Ala442 Bond, a Site That Is Cleaved by Recombinant ADAMTS-1 and ADAMTS-4. <i>Journal of Biological Chemistry</i> , 2001, 276, 13372-13378.	1.6	402
7	Early Human Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1159-1165.	1.1	372
8	The role of proteoglycans in cell adhesion, migration and proliferation. <i>Current Opinion in Cell Biology</i> , 1992, 4, 793-801.	2.6	337
9	Cardiovascular Pathology in Hutchinson-Gilford Progeria: Correlation With the Vascular Pathology of Aging. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2301-2309.	1.1	332
10	Proteoglycans in Atherosclerosis and Restenosis. <i>Circulation Research</i> , 2004, 94, 1158-1167.	2.0	324
11	Characterization of ADAMTS-9 and ADAMTS-20 as a Distinct ADAMTS Subfamily Related to <i>Caenorhabditis elegans</i> GON-1. <i>Journal of Biological Chemistry</i> , 2003, 278, 9503-9513.	1.6	288
12	Comparison of Apolipoprotein and Proteoglycan Deposits in Human Coronary Atherosclerotic Plaques. <i>Circulation</i> , 1998, 98, 519-527.	1.6	262
13	Progressive vascular smooth muscle cell defects in a mouse model of Hutchinson-Gilford progeria syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3250-3255.	3.3	255
14	Differential Accumulation of Proteoglycans and Hyaluronan in Culprit Lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1642-1648.	1.1	252
15	Hyaluronan-dependent pericellular matrix <sup>†</sup> . <i>Advanced Drug Delivery Reviews</i> , 2007, 59, 1351-1365.	6.6	248
16	The extracellular matrix: an active or passive player in fibrosis?. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G950-G955.	1.6	240
17	Diabetes promotes an inflammatory macrophage phenotype and atherosclerosis through acyl-CoA synthetase 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E715-24.	3.3	240
18	Early atherosclerosis in humans: role of diffuse intimal thickening and extracellular matrix proteoglycans. <i>Cardiovascular Research</i> , 2008, 79, 14-23.	1.8	229

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19	Perlecan Binds to the $\beta$ -Amyloid Proteins ( $A\beta$ ) of Alzheimer's Disease, Accelerates $A\beta$ Fibril Formation, and Maintains $A\beta$ Fibril Stability. <i>Journal of Neurochemistry</i> , 1997, 69, 2452-2465.	2.1	223
20	4-Methylumbelliferone Treatment and Hyaluronan Inhibition as a Therapeutic Strategy in Inflammation, Autoimmunity, and Cancer. <i>Frontiers in Immunology</i> , 2015, 6, 123.	2.2	221
21	Intracellular hyaluronan: a new frontier for inflammation?. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1673, 3-12.	1.1	218
22	Proteoglycans in the pathogenesis of Alzheimer's disease and other amyloidoses. <i>Neurobiology of Aging</i> , 1989, 10, 481-497.	1.5	216
23	Intracellular Localization of Hyaluronan in Proliferating Cells. <i>Journal of Histochemistry and Cytochemistry</i> , 1999, 47, 1331-1341.	1.3	216
24	Differential Effect of Saturated and Unsaturated Free Fatty Acids on the Generation of Monocyte Adhesion and Chemotactic Factors by Adipocytes. <i>Diabetes</i> , 2010, 59, 386-396.	0.3	211
25	SPARC-Null Mice Display Abnormalities in the Dermis Characterized by Decreased Collagen Fibril Diameter and Reduced Tensile Strength. <i>Journal of Investigative Dermatology</i> , 2003, 120, 949-955.	0.3	200
26	Extracellular Matrix Changes in Stented Human Coronary Arteries. <i>Circulation</i> , 2004, 110, 940-947.	1.6	196
27	The Sulfate Moieties of Glycosaminoglycans Are Critical for the Enhancement of $\beta$ -Amyloid Protein Fibril Formation. <i>Journal of Neurochemistry</i> , 2001, 72, 1681-1687.	2.1	184
28	Versican and the control of inflammation. <i>Matrix Biology</i> , 2014, 35, 152-161.	1.5	173
29	Provisional matrix: A role for versican and hyaluronan. <i>Matrix Biology</i> , 2017, 60-61, 38-56.	1.5	164
30	Mechanical Strain Induces Specific Changes in the Synthesis and Organization of Proteoglycans by Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 13847-13851.	1.6	159
31	Increase in Serum Amyloid A Evoked by Dietary Cholesterol Is Associated With Increased Atherosclerosis in Mice. <i>Circulation</i> , 2004, 110, 540-545.	1.6	156
32	Cutting Edge: High Molecular Weight Hyaluronan Promotes the Suppressive Effects of CD4+CD25+ Regulatory T Cells. <i>Journal of Immunology</i> , 2007, 179, 744-747.	0.4	156
33	Adipocyte-Derived Serum Amyloid A3 and Hyaluronan Play a Role in Monocyte Recruitment and Adhesion. <i>Diabetes</i> , 2007, 56, 2260-2273.	0.3	151
34	Natural progression of atherosclerosis from pathologic intimal thickening to late fibroatheroma in human coronary arteries: A pathology study. <i>Atherosclerosis</i> , 2015, 241, 772-782.	0.4	151
35	Enhanced extracellular matrix accumulation in restenosis of coronary arteries after stent deployment. <i>Journal of the American College of Cardiology</i> , 2002, 40, 2072-2081.	1.2	149
36	Proteoglycans Synthesized by Arterial Smooth Muscle Cells in the Presence of Transforming Growth Factor- $\beta$ 1 Exhibit Increased Binding to LDLs. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 55-60.	1.1	148

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37	The Regulated Synthesis of Versican, Decorin, and Biglycan: Extracellular Matrix Proteoglycans That Influence Cellular Phenotype. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2004, 14, 203-234.	0.4	148
38	Distribution of Hyaluronan During Extracellular Matrix Remodeling in Human Restenotic Arteries and Balloon-Injured Rat Carotid Arteries. <i>Circulation</i> , 1996, 93, 1141-1147.	1.6	143
39	A role for decorin in cutaneous wound healing and angiogenesis. <i>Wound Repair and Regeneration</i> , 2006, 14, 443-452.	1.5	142
40	Pivotal role for decorin in angiogenesis. <i>Matrix Biology</i> , 2015, 43, 15-26.	1.5	136
41	Versican—A Critical Extracellular Matrix Regulator of Immunity and Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 512.	2.2	135
42	CD44 Costimulation Promotes FoxP3+ Regulatory T Cell Persistence and Function via Production of IL-2, IL-10, and TGF- $\beta$ . <i>Journal of Immunology</i> , 2009, 183, 2232-2241.	0.4	134
43	Intact extracellular matrix and the maintenance of immune tolerance: high molecular weight hyaluronan promotes persistence of induced CD4+CD25+ regulatory T cells. <i>Journal of Leukocyte Biology</i> , 2009, 86, 567-572.	1.5	131
44	Serum amyloid A impairs the antiinflammatory properties of HDL. <i>Journal of Clinical Investigation</i> , 2015, 126, 266-281.	3.9	128
45	Hyaluronan and versican in the control of human T-lymphocyte adhesion and migration. <i>Matrix Biology</i> , 2012, 31, 90-100.	1.5	126
46	Glycosaminoglycans and proteoglycans in normal mitral valve leaflets and chordae: association with regions of tensile and compressive loading. <i>Glycobiology</i> , 2004, 14, 621-633.	1.3	125
47	ECM components guide IL-10 producing regulatory T-cell (TR1) induction from effector memory T-cell precursors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7938-7943.	3.3	122
48	Platelet-Derived Growth Factor Stimulates the Formation of Versican—Hyaluronan Aggregates and Pericellular Matrix Expansion in Arterial Smooth Muscle Cells. <i>Archives of Biochemistry and Biophysics</i> , 2001, 394, 29-38.	1.4	120
49	Identification of the proteoglycan versican in aorta and smooth muscle cells by DNA sequence analysis, in situ hybridization and immunohistochemistry. <i>Matrix Biology</i> , 1994, 14, 213-225.	1.5	111
50	A role for proteoglycans in vascular disease. <i>Matrix Biology</i> , 2018, 71-72, 396-420.	1.5	111
51	Proteoglycans. , 1991, , 45-78.		111
52	Endothelial adherence under shear stress is dependent upon microfilament reorganization. <i>Journal of Cellular Physiology</i> , 1989, 139, 136-146.	2.0	109
53	Exuberant fibroblast activity compromises lung function via ADAMTS4. <i>Nature</i> , 2020, 587, 466-471.	13.7	108
54	Selective Expression and Processing of Biglycan during Migration of Bovine Aortic Endothelial Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 318-325.	1.6	105

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55	miRNAs regulate expression and function of extracellular matrix molecules. <i>Matrix Biology</i> , 2013, 32, 74-85.	1.5	104
56	Versican and the regulation of cell phenotype in disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2441-2451.	1.1	104
57	Serum Amyloid A and Lipoprotein Retention in Murine Models of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 785-790.	1.1	103
58	Binding of Interleukin-8 to Heparan Sulfate and Chondroitin Sulfate in Lung Tissue. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 28, 464-472.	1.4	100
59	Proteoglycans: Key Regulators of Pulmonary Inflammation and the Innate Immune Response to Lung Infection. <i>Anatomical Record</i> , 2010, 293, 968-981.	0.8	99
60	Hyaluronan and Hyaluronan-Binding Proteins Accumulate in Both Human Type 1 Diabetic Islets and Lymphoid Tissues and Associate With Inflammatory Cells in Insulinitis. <i>Diabetes</i> , 2014, 63, 2727-2743.	0.3	98
61	Pro- and Anti-Inflammatory Factors Cooperate to Control Hyaluronan Synthesis in Lung Fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 31, 92-99.	1.4	95
62	Retrovirally Mediated Overexpression of Versican V3 by Arterial Smooth Muscle Cells Induces Tropoelastin Synthesis and Elastic Fiber Formation In Vitro and In Neointima After Vascular Injury. <i>Circulation Research</i> , 2002, 90, 481-487.	2.0	94
63	Kinetics of Chemokine- $\alpha$ Glycosaminoglycan Interactions Control Neutrophil Migration into the Airspaces of the Lungs. <i>Journal of Immunology</i> , 2010, 184, 2677-2685.	0.4	92
64	Extracellular Matrix Components in the Pathogenesis of Type 1 Diabetes. <i>Current Diabetes Reports</i> , 2014, 14, 552.	1.7	92
65	Overexpression of the V3 variant of versican alters arterial smooth muscle cell adhesion, migration, and proliferation in vitro. <i>Journal of Cellular Physiology</i> , 2002, 190, 38-45.	2.0	91
66	Interplay of extracellular matrix and leukocytes in lung inflammation. <i>Cellular Immunology</i> , 2017, 312, 1-14.	1.4	89
67	Changes in elastin, elastin binding protein and versican in alveoli in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2008, 9, 41.	1.4	88
68	Genistein Selectively Inhibits Platelet-Derived Growth Factor-Stimulated Versican Biosynthesis in Monkey Arterial Smooth Muscle Cells. <i>Archives of Biochemistry and Biophysics</i> , 1997, 339, 353-361.	1.4	87
69	Lipoprotein Lipase Enhances the Binding of Native and Oxidized Low Density Lipoproteins to Versican and Biglycan Synthesized by Cultured Arterial Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 34629-34636.	1.6	85
70	ApoC-III content of apoB-containing lipoproteins is associated with binding to the vascular proteoglycan biglycan. <i>Journal of Lipid Research</i> , 2002, 43, 1969-1977.	2.0	85
71	Microgrooved fibrillar collagen membranes as scaffolds for cell support and alignment. <i>Biomaterials</i> , 2005, 26, 3131-3140.	5.7	84
72	Versican Degradation and Vascular Disease. <i>Trends in Cardiovascular Medicine</i> , 2006, 16, 209-215.	2.3	83

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73	Enhanced T cell responses to IL-6 in type 1 diabetes are associated with early clinical disease and increased IL-6 receptor expression. <i>Science Translational Medicine</i> , 2016, 8, 356ra119.	5.8	82
74	Monocyte-to-Macrophage Differentiation. <i>Journal of Biological Chemistry</i> , 2012, 287, 14122-14135.	1.6	81
75	Decorin Promotes Aortic Smooth Muscle Cell Calcification and Colocalizes to Calcified Regions in Human Atherosclerotic Lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 2391-2396.	1.1	80
76	Oxidized Low Density Lipoproteins Regulate Synthesis of Monkey Aortic Smooth Muscle Cell Proteoglycans That Have Enhanced Native Low Density Lipoprotein Binding Properties. <i>Journal of Biological Chemistry</i> , 2000, 275, 4766-4773.	1.6	79
77	The Role of Hyaluronan and the Extracellular Matrix in Islet Inflammation and Immune Regulation. <i>Current Diabetes Reports</i> , 2012, 12, 471-480.	1.7	79
78	Postnatal Deletion of the Type II Transforming Growth Factor- $\beta$ 2 Receptor in Smooth Muscle Cells Causes Severe Aortopathy in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2647-2656.	1.1	79
79	Versican/PG-M Isoforms in Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 1630-1639.	1.1	78
80	Cell-Associated and Extracellular Phospholipid Transfer Protein in Human Coronary Atherosclerosis. <i>Circulation</i> , 2003, 108, 270-274.	1.6	78
81	Cell Density-dependent Regulation of Proteoglycan Synthesis by Transforming Growth Factor- $\beta$ 1 in Cultured Bovine Aortic Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 1463-1470.	1.6	77
82	Inhibition of Versican Synthesis by Antisense Alters Smooth Muscle Cell Phenotype and Induces Elastic Fiber Formation In Vitro and in Neointima After Vessel Injury. <i>Circulation Research</i> , 2006, 98, 370-377.	2.0	77
83	Hyaluronan Controls the Deposition of Fibronectin and Collagen and Modulates TGF- $\beta$ 1 Induction of Lung Myofibroblasts. <i>Matrix Biology</i> , 2015, 42, 74-92.	1.5	77
84	Heparan Sulfate in Perlecan Promotes Mouse Atherosclerosis. <i>Circulation Research</i> , 2008, 103, 43-52.	2.0	76
85	Inhibition of hyaluronan synthesis restores immune tolerance during autoimmune insulinitis. <i>Journal of Clinical Investigation</i> , 2015, 125, 3928-3940.	3.9	76
86	Expression of decorin by sprouting bovine aortic endothelial cells exhibiting angiogenesis in vitro. <i>Experimental Cell Research</i> , 1992, 203, 395-401.	1.2	75
87	Arterial remodeling in vascular disease: a key role for hyaluronan and versican. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 4933.	3.0	75
88	The extracellular matrix and atherosclerosis. <i>Current Opinion in Lipidology</i> , 1995, 6, 326-334.	1.2	74
89	The accumulation of specific types of proteoglycans in eroded plaques: a role in coronary thrombosis in the absence of rupture. <i>Current Opinion in Lipidology</i> , 2004, 15, 575-582.	1.2	74
90	Overexpression of hyaluronan synthases alters vascular smooth muscle cell phenotype and promotes monocyte adhesion. <i>Journal of Cellular Physiology</i> , 2006, 206, 378-385.	2.0	73

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91	Intracellular Hyaluronan in Arterial Smooth Muscle Cells: Association with Microtubules, RHAMM, and the Mitotic Spindle. <i>Journal of Histochemistry and Cytochemistry</i> , 2004, 52, 1525-1535.	1.3	72
92	Retrovirally Mediated Overexpression of Versican V3 Reverses Impaired Elastogenesis and Heightened Proliferation Exhibited by Fibroblasts from Costello Syndrome and Hurler Disease Patients. <i>American Journal of Pathology</i> , 2004, 164, 119-131.	1.9	71
93	Retrovirally Mediated Expression of Decorin by Macrovascular Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 13924-13932.	1.6	70
94	Neovascular responses induced by cultured aortic endothelial cells. <i>Journal of Cellular Physiology</i> , 1983, 114, 302-310.	2.0	69
95	Interaction of native and modified low-density lipoproteins with extracellular matrix. <i>Current Opinion in Lipidology</i> , 2000, 11, 457-463.	1.2	68
96	Heparan Sulfate in Perlecan Promotes Mouse Atherosclerosis: Roles in Lipid Permeability, Lipid Retention, and Smooth Muscle Cell Proliferation. <i>Circulation Research</i> , 2008, 103, 43-52.	2.0	67
97	Polyinosine-Polycytidylic Acid Stimulates Versican Accumulation in the Extracellular Matrix Promoting Monocyte Adhesion. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 43, 109-120.	1.4	66
98	Transforming Growth Factor Beta 1 Induces Neointima Formation Through Plasminogen Activator Inhibitor-1-Dependent Pathways. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 737-743.	1.1	65
99	Th1 cytokines promote T-cell binding to antigen-presenting cells via enhanced hyaluronan production and accumulation at the immune synapse. <i>Cellular and Molecular Immunology</i> , 2010, 7, 211-220.	4.8	65
100	Hyaluronan synthesis is necessary for autoreactive T-cell trafficking, activation, and Th1 polarization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1339-1344.	3.3	65
101	Heparan Sulfate Proteoglycans Mediate a Potent Inhibitory Signal for Migration of Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 1998, 83, 305-313.	2.0	64
102	Organization of Hyaluronan and Versican in the Extracellular Matrix of Human Fibroblasts Treated With the Viral Mimetic Poly I:C. <i>Journal of Histochemistry and Cytochemistry</i> , 2009, 57, 1041-1060.	1.3	63
103	Alterations in the lens capsule contribute to cataractogenesis in SPARC-null mice. <i>Journal of Cell Science</i> , 2002, 115, 2747-56.	1.2	63
104	A rapid increase in macrophage-derived versican and hyaluronan in infectious lung disease. <i>Matrix Biology</i> , 2014, 34, 1-12.	1.5	62
105	Proteolytic Cleavage of Versican and Involvement of ADAMTS-1 in VEGF-A/VPF-Induced Pathological Angiogenesis. <i>Journal of Histochemistry and Cytochemistry</i> , 2011, 59, 463-473.	1.3	60
106	Differences in the Distribution of Versican, Decorin, and Biglycan in Atherosclerotic Human Coronary Arteries. <i>Cardiovascular Pathology</i> , 1997, 6, 271-278.	0.7	59
107	Retroviral Overexpression of Decorin Differentially Affects the Response of Arterial Smooth Muscle Cells to Growth Factors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 777-784.	1.1	59
108	Interleukin-10-mediated regenerative postnatal tissue repair is dependent on regulation of hyaluronan metabolism via fibroblast-specific STAT3 signaling. <i>FASEB Journal</i> , 2017, 31, 868-881.	0.2	59

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109	Asthmatic airway epithelial cells differentially regulate fibroblast expression of extracellular matrix components. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 663-670.e1.	1.5	58
110	Changes in Perlecan Expression During Vascular Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 608-614.	1.1	57
111	Developing Vasculature and Stroma in Engineered Human Myocardium. <i>Tissue Engineering - Part A</i> , 2011, 17, 1219-1228.	1.6	57
112	Structural characterization of heparan sulfate proteoglycan subclasses isolated from bovine aortic endothelial cell cultures. <i>Biochemistry</i> , 1988, 27, 2136-2144.	1.2	56
113	Serum Amyloid A Facilitates the Binding of High-Density Lipoprotein From Mice Injected With Lipopolysaccharide to Vascular Proteoglycans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1326-1332.	1.1	56
114	Increased Plasmin and Serine Proteinase Activity During Flow-Induced Intimal Atrophy in Baboon PTFE Grafts. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 400-404.	1.1	55
115	Local Expression of Bovine Decorin by Cell-Mediated Gene Transfer Reduces Neointimal Formation After Balloon Injury in Rats. <i>Circulation Research</i> , 2000, 86, 676-683.	2.0	54
116	A Novel Rat Model of Carotid Artery Stenting for the Understanding of Restenosis in Metabolic Diseases. <i>Journal of Vascular Research</i> , 2002, 39, 414-425.	0.6	54
117	Matricellular Hevin Regulates Decorin Production and Collagen Assembly. <i>Journal of Biological Chemistry</i> , 2006, 281, 27621-27632.	1.6	54
118	Tesaglitazar, a dual peroxisome proliferator-activated receptor alpha/gamma agonist, reduces atherosclerosis in female low density lipoprotein receptor deficient mice. <i>Atherosclerosis</i> , 2007, 195, 100-109.	0.4	53
119	Diabetes and Arterial Extracellular Matrix Changes in a Porcine Model of Atherosclerosis. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 1149-1157.	1.3	52
120	Interleukin-1 $\beta$ selectively decreases the synthesis of versican by arterial smooth muscle cells. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 753-766.	1.2	52
121	Synthesis and Organization of Hyaluronan and Versican by Embryonic Stem Cells Undergoing Embryoid Body Differentiation. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 345-358.	1.3	52
122	Versican Deficiency Significantly Reduces Lung Inflammatory Response Induced by Polyinosine-Polycytidylic Acid Stimulation. <i>Journal of Biological Chemistry</i> , 2017, 292, 51-63.	1.6	52
123	V3 versican isoform expression has a dual role in human melanoma tumor growth and metastasis. <i>Laboratory Investigation</i> , 2006, 86, 889-901.	1.7	51
124	Versican-thrombospondin-1 binding in vitro and colocalization in microfibrils induced by inflammation on vascular smooth muscle cells. <i>Journal of Cell Science</i> , 2006, 119, 4499-4509.	1.2	51
125	A pilot randomised clinical trial of Âmepolizumab in COPD with eosinophilic bronchitis. <i>European Respiratory Journal</i> , 2017, 49, 1602486.	3.1	51
126	Syndecan-4 Regulates Early Neutrophil Migration and Pulmonary Inflammation in Response to Lipopolysaccharide. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 196-202.	1.4	50



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127	Versican is produced by Trif- and type I interferon-dependent signaling in macrophages and contributes to fine control of innate immunity in lungs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L1069-L1086.	1.3	50
128	Human Monocyte-derived Macrophages Secrete Two Forms of Proteoglycan-Macrophage Colony-stimulating Factor That Differ in Their Ability to Bind Low Density Lipoproteins. <i>Journal of Biological Chemistry</i> , 1998, 273, 15985-15992.	1.6	48
129	Smooth muscle cell biglycan overexpression results in increased lipoprotein retention on extracellular matrix: implications for the retention of lipoproteins in atherosclerosis. <i>Atherosclerosis</i> , 2004, 177, 29-35.	0.4	48
130	Cutaneous Chronic Graft-Versus-Host Disease Does Not Have the Abnormal Endothelial Phenotype or Vascular Rarefaction Characteristic of Systemic Sclerosis. <i>PLoS ONE</i> , 2009, 4, e6203.	1.1	48
131	Cardiac Hyaluronan Synthesis Is Critically Involved in the Cardiac Macrophage Response and Promotes Healing After Ischemia Reperfusion Injury. <i>Circulation Research</i> , 2019, 124, 1433-1447.	2.0	47
132	Native fibrillar collagen membranes of micron-scale and submicron thicknesses for cell support and perfusion. <i>Biomaterials</i> , 2005, 26, 1109-1117.	5.7	46
133	Increased Expression of $\beta$ -Amyloid Protein Precursor and Microtubule-Associated Protein $\beta$ During the Differentiation of Murine Embryonal Carcinoma Cells. <i>Journal of Neurochemistry</i> , 1992, 58, 1863-1873.	2.1	45
134	Oxidized Low Density Lipoprotein (LDL) Affects Hyaluronan Synthesis in Human Aortic Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 29595-29603.	1.6	45
135	Biglycan, a Vascular Proteoglycan, Binds Differently to HDL <sub>2</sub> and HDL <sub>3</sub> . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 129-135.	1.1	44
136	Neointima Formed by Arterial Smooth Muscle Cells Expressing Versican Variant V3 Is Resistant to Lipid and Macrophage Accumulation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1309-1316.	1.1	43
137	The Adhesive Glycoprotein of the Orb Web of <i>Argiope Aurantia</i> (Araneae, Araneidae). <i>Materials Research Society Symposia Proceedings</i> , 1992, 292, 9.	0.1	42
138	Removal of heparan sulfate by heparinase treatment inhibits FGF-2-dependent smooth muscle cell proliferation in injured rat carotid arteries. <i>Atherosclerosis</i> , 2004, 175, 51-57.	0.4	42
139	Lung Lining Fluid Glutathione Attenuates IL-13-Induced Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 38, 509-516.	1.4	42
140	V3 versican isoform expression alters the phenotype of melanoma cells and their tumorigenic potential. <i>International Journal of Cancer</i> , 2005, 114, 879-886.	2.3	41
141	Glycosaminoglycans of pleural mesothelioma: A possible biochemical variant containing chondroitin sulfate. <i>Cancer</i> , 1981, 48, 89-97.	2.0	40
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