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Comparison of apolipoprotein and proteoglycan deposits in human coronary atherosclerotic plaques: colocalization of biglycan with apolipoproteins

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#	Paper	IF	Citations
255	Distribui� comparativa dos glicosaminoglicanos em art�rias e veias de diferentes mam�feros. 1999 , 14, 325		
254	Distinct patterns of transforming growth factor-beta isoform and receptor expression in human atherosclerotic lesions. Colocalization implicates TGF-beta in fibrofatty lesion development. <i>Circulation</i> , 1999 , 99, 2883-91	16.7	144
253	Phospholipase A(2) modification of low density lipoproteins forms small high density particles with increased affinity for proteoglycans and glycosaminoglycans. <i>Journal of Biological Chemistry</i> , 1999 , 274, 25913-20	5.4	104
252	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, 34629-36	5.4	77
251	Glycosylphosphatidylinositol-specific phospholipase D is expressed by macrophages in human atherosclerosis and colocalizes with oxidation epitopes. <i>Circulation</i> , 1999 , 99, 2876-82	16.7	44
250	Emerging roles of endothelial cells and smooth muscle cells in transplant vascular disease. 1999 , 13, 109-127		15
249	Kinetics of apolipoprotein E isoforms-binding to the major glycosaminoglycans of the extracellular matrix. 1999 , 459, 353-7		20
248	Neovascularization in early atherosclerotic lesions of human carotid arteries: its potential contribution to plaque development. 1999 , 30, 919-25		94
247	Interaction of native and modified low-density lipoproteins with extracellular matrix. 2000 , 11, 457-63		60
246	Proteoglycans and Hyaluronan in Vascular Disease. 743-755		
245	Expression of decorin, biglycan, and collagen type I in human renal fibrosing disease. 2000 , 57, 487-98		76
244	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, 4766-73	5.4	66
243	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, 14632-40	5.4	65
242	Complete atherosclerosis regression after human ApoE gene transfer in ApoE-deficient/nude mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 435-42	9.4	55
241	Effect of TGF-beta(1) antisense S-oligonucleotide on synthesis and accumulation of matrix proteoglycans in balloon catheter-injured neointima of rabbit carotid arteries. 2000 , 37, 50-60		34
240	Myofibroblast involvement in glycosaminoglycan synthesis and lipid retention during coronary repair. 2000 , 37, 399-407		17
239	Lipoprotein lipase (LPL) strongly links native and oxidized low density lipoprotein particles to decorin-coated collagen. Roles for both dimeric and monomeric forms of LPL. <i>Journal of Biological Chemistry</i> , 2000 , 275, 5694-701	5.4	39

238	Structural determinants in the C-terminal domain of apolipoprotein E mediating binding to the protein core of human aortic biglycan. <i>Journal of Biological Chemistry</i> , 2000 , 275, 18913-8	5-4	13
237	Vascular abnormalities: the insidious pathogenesis of Alzheimer's disease. 2000 , 21, 357-61		80
236	Arterial intimal retention of pro-atherogenic lipoproteins in insulin deficient rabbits and rats. <i>Atherosclerosis</i> , 2000 , 149, 315-22	3-1	27
235	Marked neointimal lipoprotein lipase increase in distinct models of proclivity to atherosclerosis: a feature independent of endothelial layer integrity. <i>Atherosclerosis</i> , 2001 , 156, 91-101	3-1	11
234	Immunolocalization of apolipoproteins in aortic atherosclerosis in American youths and young adults: findings from the PDAY study. <i>Atherosclerosis</i> , 2001 , 158, 215-25	3-1	22
233	Proteoglycan Protocols. 2001 ,		10
232	Sub-micellar phospholipid accelerates amyloid formation by apolipoprotein C-II. 2001 , 494, 220-4		36
231	Historia natural de la arterioesclerosis. manifestaciones clínicas. complicaciones agudas y crónicas. valoración diagnóstica. 2001 , 8, 2230-2239		
230	Arterial wall chondroitin sulfate proteoglycans: diverse molecules with distinct roles in lipoprotein retention and atherogenesis. 2001 , 12, 477-87		69
229	Comparison of deposits of versican, biglycan and decorin in saphenous vein and internal thoracic, radial and coronary arteries: correlation to patency. 2001 , 12, 7-16		44
228	Increased expression of biglycan mRNA in pressure-overloaded rat heart. 2001 , 23, 633-43		12
227	Serial extracellular matrix changes in neointimal lesions of human coronary artery after percutaneous transluminal coronary angioplasty: clinical significance of early tenascin-C expression. 2001 , 439, 185-90		43
226	Domains of apolipoprotein E involved in the binding to the protein core of biglycan of the vascular extracellular matrix: potential relationship between retention and anti-atherogenic properties of this apolipoprotein. 2001 , 11, 263-8		5
225	Biglycan, a vascular proteoglycan, binds differently to HDL2 and HDL3: role of apoE. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 129-35	9-4	42
224	Lipoprotein cholesterol and atherosclerosis. 2001 , 1, 633-53		84
223	Interactions of lipoproteins with proteoglycans. 2001 , 171, 457-77		16
222	Morphological evaluation of proteoglycans in cells and tissues. 2001 , 171, 271-90		7
221	Regulation of macrophage ApoE expression and processing by extracellular matrix. <i>Journal of Biological Chemistry</i> , 2002 , 277, 29477-83	5-4	7

220	Accumulation of biglycan and perlecan, but not versican, in lesions of murine models of atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 462-8	9.4	102
219	Differential accumulation of proteoglycans and hyaluronan in culprit lesions: insights into plaque erosion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 1642-8	9.4	218
218	Human coronary smooth muscle cells internalize versican-modified LDL through LDL receptor-related protein and LDL receptors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 387-93	9.4	66
217	Proteoglycans synthesized by arterial smooth muscle cells in the presence of transforming growth factor-beta1 exhibit increased binding to LDLs. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 55-60	9.4	127
216	Apolipoprotein E mediates the retention of high-density lipoproteins by mouse carotid arteries and cultured arterial smooth muscle cell extracellular matrices. 2002 , 90, 1333-9		16
215	ApoC-III content of apoB-containing lipoproteins is associated with binding to the vascular proteoglycan biglycan. <i>Journal of Lipid Research</i> , 2002 , 43, 1969-77	6.3	70
214	Identification of the proteoglycan binding site in apolipoprotein B48. <i>Journal of Biological Chemistry</i> , 2002 , 277, 32228-33	5.4	78
213	Editorial: The mystery--and importance--of diabetic atherosclerotic vascular disease. 2002 , 87, 33-4		3
212	Triglyceride-rich lipoproteins from subjects with type 2 diabetes do not demonstrate increased binding to biglycan, a vascular proteoglycan. 2002 , 87, 35-40		5
211	Atherosclerosis in C3H/HeJ mice reconstituted with apolipoprotein E-null bone marrow. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 650-5	9.4	21
210	Apolipoprotein E and lipoprotein lipase increase triglyceride-rich particle binding but decrease particle penetration in arterial wall. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 2080-5	9.4	24
209	Arterial retention of apolipoprotein B(48)- and B(100)-containing lipoproteins in atherogenesis. 2002 , 13, 461-70		147
208	Valsartan improves fibrinolytic balance in atherosclerotic rabbits. 2002 , 20, 303-10		25
207	Differential effects of gemfibrozil on migration, proliferation and proteoglycan production in human vascular smooth muscle cells. <i>Atherosclerosis</i> , 2002 , 162, 119-29	3.1	57
206	The extracellular matrix on atherogenesis and diabetes-associated vascular disease. 2002 , 3, 3-9		45
205	In-stent restenosis: more fuel for the fire. 2002 , 144, 577-9		1
204	In-stent restenosis: More fuel for the fire. 2002 , 144, 577-579		1
203	The structural basis for amyloid formation by plasma apolipoproteins: a review. 2002 , 31, 2-8		76

202	Alzheimer disease and cerebrovascular pathology: an update. 2002 , 109, 813-36		502
201	Differential effects of cadmium on proteoglycan synthesis of arterial smooth muscle cells: increase in small dermatan sulfate proteoglycans, biglycan and decorin, in the extracellular matrix at low cell density. 2002 , 170, 89-101		15
200	Normal and oxidized low density lipoproteins accumulate deep in physiologically thickened intima of human coronary arteries. 2002 , 82, 1437-47		32
199	Apolipoprotein B in cholesterol-containing drusen and basal deposits of human eyes with age-related maculopathy. <i>American Journal of Pathology</i> , 2003 , 162, 413-25	5.8	207
198	The black hole: echolucent tissue observed following intracoronary radiation. 2003 , 5, 137-42		14
197	Characterization of the heparin binding sites in human apolipoprotein E. <i>Journal of Biological Chemistry</i> , 2003 , 278, 14782-7	5.4	57
196	The class A scavenger receptor binds to proteoglycans and mediates adhesion of macrophages to the extracellular matrix. <i>Journal of Biological Chemistry</i> , 2003 , 278, 6942-6	5.4	75
195	Lysophosphatidylcholine regulates synthesis of biglycan and the proteoglycan form of macrophage colony stimulating factor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 809-15	9.4	33
194	Cell-associated and extracellular phospholipid transfer protein in human coronary atherosclerosis. <i>Circulation</i> , 2003 , 108, 270-4	16.7	70
193	Regulation, regulatory activities, and function of biglycan. 2004 , 14, 301-15		40
192	Fibrillar amyloid protein present in atheroma activates CD36 signal transduction. <i>Journal of Biological Chemistry</i> , 2004 , 279, 10643-8	5.4	116
191	The myeloperoxidase product hypochlorous acid oxidizes HDL in the human artery wall and impairs ABCA1-dependent cholesterol transport. 2004 , 101, 13032-7		360
190	Proteoglycans in atherosclerosis and restenosis: key roles for versican. 2004 , 94, 1158-67		283
189	Human atherosclerotic intima and blood of patients with established coronary artery disease contain high density lipoprotein damaged by reactive nitrogen species. <i>Journal of Biological Chemistry</i> , 2004 , 279, 42977-83	5.4	223
188	Smad expression in human atherosclerotic lesions: evidence for impaired TGF-beta/Smad signaling in smooth muscle cells of fibrofatty lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 1391-6	9.4	83
187	Arterial permeability and efflux of apolipoprotein B-containing lipoproteins assessed by in situ perfusion and three-dimensional quantitative confocal microscopy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 2162-7	9.4	75
186	Increase in serum amyloid a evoked by dietary cholesterol is associated with increased atherosclerosis in mice. <i>Circulation</i> , 2004 , 110, 540-5	16.7	140
185	Molecular interactions leading to lipoprotein retention and the initiation of atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 2211-8	9.4	78

184	Extracellular matrix glycoprotein biglycan enhances vascular smooth muscle cell proliferation and migration. 2004 , 94, 1067-74		73
183	The role of perlecan in arterial injury and angiogenesis. 2004 , 63, 603-10		68
182	Retention of atherogenic lipoproteins in atherogenesis. 2004 , 61, 4-9		18
181	Arterial heparan sulfate is negatively associated with hyperglycemia and atherosclerosis in diabetic monkeys. 2004 , 3, 6		21
180	Effect of macrophage-derived apolipoprotein E on hyperlipidemia and atherosclerosis of LDLR-deficient mice. 2004 , 317, 223-9		16
179	Nutrition and inflammation: role of dietary cholesterol. 2004 , 1262, 313-316		
178	Functional characterization of podocan, a member of a new class in the small leucine-rich repeat protein family. 2004 , 563, 69-74		34
177	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	3.1	41
176	An update on alcohol and atherosclerosis. 2004 , 15, 673-80		28
175	Mechanism of lipoprotein retention by the extracellular matrix. 2004 , 15, 505-14		57
174	Endostatin binds biglycan and LDL and interferes with LDL retention to the subendothelial matrix during atherosclerosis. <i>Journal of Lipid Research</i> , 2005 , 46, 1849-59	6.3	39
173	Acrolein modifies apolipoprotein A-I in the human artery wall. 2005 , 1043, 396-403		42
172	The Neuropathologic Substrates of Vascular-Ischemic Dementia. 2005 , 23-56		2
171	Apolipoprotein B: a clinically important apolipoprotein which assembles atherogenic lipoproteins and promotes the development of atherosclerosis. <i>Journal of Internal Medicine</i> , 2005 , 258, 395-410	10.8	211
170	Lipid Modulators of Protein Misfolding and Aggregation. 111-129		
169	New approaches to regulating the chondroitin/dermatan sulfate glycosaminoglycan component of the vascular extracellular matrix. 2005 , 5, 515-20		1
168	Lipoprotein retention--and clues for atheroma regression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 1536-40	9.4	108
167	Acrolein impairs ATP binding cassette transporter A1-dependent cholesterol export from cells through site-specific modification of apolipoprotein A-I. <i>Journal of Biological Chemistry</i> , 2005 , 280, 36386-96	5.4	93

166	Serum amyloid A and lipoprotein retention in murine models of atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 785-90	9.4	96
165	Vascular Dementia. 2005 ,		2
164	Advanced glycation end product precursors impair ABCA1-dependent cholesterol removal from cells. 2005 , 54, 2198-205		108
163	Analysis of intimal proteoglycans in atherosclerosis-prone and atherosclerosis-resistant human arteries by mass spectrometry. 2005 , 4, 1350-7		69
162	Induction of synthesis of a large heparan sulfate proteoglycan, perlecan, by thrombin in cultured human coronary smooth muscle cells. 2005 , 1722, 92-102		9
161	Mitral valve abnormalities in congestive heart failure: an interplay between form and function?. 2005 , 45, 62-4		3
160	Pathogenesis of calcific aortic valve disease: a disease process comes of age (and a good deal more). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 1721-8	9.4	318
159	Histopathology of calcific aortic valve stenosis. 2006 , 61, 557-62		5
158	Serum amyloid A: the "other" inflammatory protein. 2006 , 8, 62-8		79
157	Developmental regulation of biglycan expression in muscle and tendon. 2006 , 34, 347-55		32
156	Clinical thiazolidinediones as PPARgamma ligands with the potential for the prevention of cardiovascular disease in diabetes. 2006 , 2, 227-39		3
155	Expression profiling identifies smooth muscle cell diversity within human intima and plaque fibrous cap: loss of RGS5 distinguishes the cap. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 319-25	9.4	42
154	Antioxidants inhibit the ability of lysophosphatidylcholine to regulate proteoglycan synthesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 494-500	9.4	10
153	Fatty acids cause alterations of human arterial smooth muscle cell proteoglycans that increase the affinity for low-density lipoprotein. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 130-5	9.4	26
152	Inflammatory response after influenza vaccination in men with and without carotid artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 2738-44	9.4	29
151	Glycosaminoglycan synthesis and structure as targets for the prevention of calcific aortic valve disease. 2007 , 76, 19-28		44
150	Activation of the innate immune system in atherosclerotic disease. 2007 , 13, 983-94		28
149	Diabetes and arterial extracellular matrix changes in a porcine model of atherosclerosis. 2007 , 55, 1149-57		49

148	Early human atherosclerosis: accumulation of lipid and proteoglycans in intimal thickenings followed by macrophage infiltration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1159-65 ^{9.4}	310
147	Serum amyloid P colocalizes with apolipoproteins in human atheroma: functional implications. <i>Journal of Lipid Research</i> , 2007 , 48, 2162-71	6.3 45
146	Retention of low-density lipoprotein in atherosclerotic lesions of the mouse: evidence for a role of lipoprotein lipase. 2007 , 101, 777-83	72
145	Proteomics analysis of human coronary atherosclerotic plaque: a feasibility study of direct tissue proteomics by liquid chromatography and tandem mass spectrometry. 2007 , 6, 1088-102	129
144	A structural core within apolipoprotein C-II amyloid fibrils identified using hydrogen exchange and proteolysis. 2007 , 366, 1639-51	47
143	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, 100-9	3.1 43
142	Oxidized cholesterol metabolites found in human atherosclerotic lesions promote apolipoprotein C-II amyloid fibril formation. <i>Biochemistry</i> , 2007 , 46, 5552-61	3.2 41
141	Inflammatory proteins on HDL: what are we measuring?. 2007 , 150, 150-2	2
140	Angiotensin receptor-1 blocker inhibits atherosclerotic changes and endothelial disruption of the aortic valve in hypercholesterolemic rabbits. 2007 , 49, 1482-9	97
139	The enigmatic duality of high-density lipoprotein-cardioprotective yet potentially atherogenic: comment on the article by McMahon et al. 2007 , 56, 696-7	
138	Interleukin-1beta selectively decreases the synthesis of versican by arterial smooth muscle cells. <i>Journal of Cellular Biochemistry</i> , 2007 , 101, 753-66	4.7 43
137	A novel LIF-CE method for the separation of hyaluronan- and chondroitin sulfate-derived disaccharides: Application to structural and quantitative analyses of human plasma low- and high-charged chondroitin sulfate isomers. 2007 , 28, 2439-47	31
136	Regulation of in vitro vascular calcification by BMP4, VEGF and Wnt3a. 2007 , 81, 372-81	53
135	Proteoglycan mediated lipoprotein retention: a mechanism of diabetic atherosclerosis. 2008 , 9, 289-300	33
134	Endogenous overexpression of hyaluronan synthases within dynamically cultured collagen gels: Implications for vascular and valvular disease. 2008 , 29, 2969-76	9
133	Adiponectin as an inducer of decorin synthesis in cultured vascular smooth muscle cells. 2008 , 83, 447-52	3
132	Thrombin regulates vascular smooth muscle cell proteoglycan synthesis via PAR-1 and multiple downstream signalling pathways. 2008 , 123, 288-97	47
131	Serum amyloid A, but not C-reactive protein, stimulates vascular proteoglycan synthesis in a pro-atherogenic manner. <i>American Journal of Pathology</i> , 2008 , 173, 1902-10	5.8 57

130	ADAMTS-4 and -8 are inflammatory regulated enzymes expressed in macrophage-rich areas of human atherosclerotic plaques. <i>Atherosclerosis</i> , 2008 , 196, 514-22	3.1	91
129	Intestinal lipid transport and chylomicron production: possible links to exacerbated atherogenesis in a rodent model of the metabolic syndrome. 2008 , 9, 69-76		27
128	Role of smooth muscle cells in the initiation and early progression of atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 812-9	9.4	591
127	Metformin improves endothelial function in normoinsulinemic PCOS patients: a new prospective. 2008 , 23, 2127-33		37
126	The role of biglycan in the heart. 2008 , 49, 129-32		19
125	Glucosamine inhibits the synthesis of glycosaminoglycan chains on vascular smooth muscle cell proteoglycans by depletion of ATP. 2008 , 114, 120-6		12
124	Early atherosclerosis in humans: role of diffuse intimal thickening and extracellular matrix proteoglycans. 2008 , 79, 14-23		179
123	p38 MAP kinase mediated proteoglycan synthesis as a target for the prevention of atherosclerosis. 2008 , 8, 287-92		10
122	Angiotensin II increases vascular proteoglycan content preceding and contributing to atherosclerosis development. <i>Journal of Lipid Research</i> , 2008 , 49, 521-30	6.3	49
121	Homocysteine Inhibits Proteoglycan Synthesis in Cultured Bovine Aortic Smooth Muscle Cells. 2008 , 54, 56-65		2
120	Hyperelongated biglycan: the surreptitious initiator of atherosclerosis. 2008 , 19, 448-54		71
119	Growth factor-mediated hyper-elongation of glycosaminoglycan chains on biglycan requires transcription and translation. 2009 , 115, 147-54		17
118	Increased neovascularization in advanced lipid-rich atherosclerotic lesions detected by gadofluorine-M-enhanced MRI: implications for plaque vulnerability. 2009 , 2, 391-6		48
117	TGF-[beta]1 limits plaque growth, stabilizes plaque structure, and prevents aortic dilation in apolipoprotein E-null mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1251-7	9.4	77
116	Factors affecting proteoglycan synthesis and structure that modify the interaction with lipoproteins. 2009 , 4, 479-492		4
115	Heparin cofactor II in atherosclerotic lesions from the Pathobiological Determinants of Atherosclerosis in Youth (PDAY) study. 2009 , 87, 178-83		11
114	Proteomics of acute coronary syndromes. 2009 , 11, 188-95		33
113	Protein profiling of low-density lipoprotein from obese subjects. 2009 , 3, 663-71		14

112	Enhanced susceptibility of cyclin kinase inhibitor p21 knockout mice to high fat diet induced atherosclerosis. 2009 , 16, 66		26
111	Macrophage scavenger receptor A mediates adhesion to apolipoproteins A-I and E. <i>Biochemistry</i> , 2009 , 48, 11858-71	3.2	37
110	Bruch@ membrane changes in transgenic mice overexpressing the human biglycan and apolipoprotein b-100 genes. 2009 , 89, 178-86		25
109	Recent advances on the antiatherogenic effects of HDL-derived proteins and mimetic peptides. 2009 , 15, 3146-66		14
108	Transmyocardial laser revascularization in the treatment of myocardial ischemia. 2000 , 15, 271-7		7
107	A murine model of obesity with accelerated atherosclerosis. 2010 , 18, 35-41		51
106	Oxidation of apolipoprotein A-I by myeloperoxidase impairs the initial interactions with ABCA1 required for signaling and cholesterol export. <i>Journal of Lipid Research</i> , 2010 , 51, 1849-58	6.3	68
105	Macrophage-mediated proteolytic remodeling of the extracellular matrix in atherosclerosis results in neoepitopes: a potential new class of biochemical markers. 2010 , 8, 542-52		32
104	Apo B100 similarities to viral proteins suggest basis for LDL-DNA binding and transfection capacity. <i>Journal of Lipid Research</i> , 2010 , 51, 1704-18	6.3	7
103	Dietary fats, cerebrovasculature integrity and Alzheimer@ disease risk. <i>Progress in Lipid Research</i> , 2010 , 49, 159-70	14.3	61
102	Serum amyloid A in atherosclerosis. 2011 , 22, 302-7		85
101	A molecular dynamics approach for the association of apolipoproteinB-100 and chondroitin-6-sulfate. 2011 , 115, 4818-25		5
100	Advanced glycation endproduct changes to Bruch@ membrane promotes lipoprotein retention by lipoprotein lipase. <i>American Journal of Pathology</i> , 2011 , 179, 850-9	5.8	19
99	Correlation of C4ST-1 and ChGn-2 expression with chondroitin sulfate chain elongation in atherosclerosis. 2011 , 406, 36-41		31
98	High-density lipoproteins (HDL) are present in stenotic aortic valves and may interfere with the mechanisms of valvular calcification. <i>Atherosclerosis</i> , 2011 , 219, 538-44	3.1	26
97	Increased risk of cardiovascular disease in Type 1 diabetes: arterial exposure to remnant lipoproteins leads to enhanced deposition of cholesterol and binding to glycated extracellular matrix proteoglycans. 2011 , 28, 61-72		25
96	Apolipoproteins and amyloid fibril formation in atherosclerosis. 2011 , 2, 116-27		53
95	Regulation of smooth muscle cell phenotype by glycosaminoglycan identity. 2011 , 7, 1031-9		6

94	LDL-apheresis depletes apoE-HDL and pre- β -HDL in familial hypercholesterolemia: relevance to atheroprotection. <i>Journal of Lipid Research</i> , 2011 , 52, 2304-2313	6.3	32
93	The proteoglycan biglycan enhances antigen-specific T cell activation potentially via MyD88 and TRIF pathways and triggers autoimmune perimyocarditis. 2011 , 187, 6217-26		37
92	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, 1326-32	9.4	50
91	Versican and coronary artery spasm. 2012 , 11, 1-6		
90	The role of endoglin in atherosclerosis. <i>Atherosclerosis</i> , 2012 , 224, 4-11	3.1	38
89	What does HDL do? A new mechanism to slow atherogenesis--but a new problem in type 2 diabetes mellitus. <i>Atherosclerosis</i> , 2012 , 225, 36-8	3.1	7
88	HDL2 interferes with LDL association with arterial proteoglycans: a possible athero-protective effect. <i>Atherosclerosis</i> , 2012 , 225, 115-20	3.1	22
87	Calcific Aortic Stenosis: Pathology and Role of Balloon Aortic Valvuloplasty. 2012 , 1, 1-9		1
86	Retention of atherogenic lipoproteins in the artery wall and its role in atherogenesis. 2012 , 22, 1-7		74
85	Role of macrophage scavenger receptors in atherosclerosis. 2012 , 217, 492-502		174
84	Congenital left main coronary artery aneurysm. 2012 , 21, e39-40		1
83	Inflammation and Atherosclerosis. 2012 ,		3
82	Lipopolysaccharide promotes lipid accumulation in human adventitial fibroblasts via TLR4-NF- κ B pathway. 2012 , 11, 139		34
81	Capillary electrochromatography and quartz crystal microbalance, valuable techniques in the study of heparin-lipoprotein interactions. 2012 , 424, 71-8		15
80	Amyloid substance within stenotic aortic valves promotes mineralization. 2012 , 61, 610-9		28
79	Aortic stenosis: role of balloon aortic valvuloplasty. 2013 , 31, 327-36		5
78	Smad2-dependent glycosaminoglycan elongation in aortic valve interstitial cells enhances binding of LDL to proteoglycans. 2013 , 22, 146-55		19
77	GPCR responses in vascular smooth muscle can occur predominantly through dual transactivation of kinase receptors and not classical G β protein signalling pathways. 2013 , 92, 951-6		16

76	LDL particle core enrichment in cholesteryl oleate increases proteoglycan binding and promotes atherosclerosis. <i>Journal of Lipid Research</i> , 2013 , 54, 2495-503	6.3	22
75	Novel small leucine-rich repeat protein podocan is a negative regulator of migration and proliferation of smooth muscle cells, modulates neointima formation, and is expressed in human atheroma. <i>Circulation</i> , 2013 , 128, 2351-63	16.7	18
74	Prevention of TGF β induction attenuates angII-stimulated vascular biglycan and atherosclerosis in Ldlr $^{-/-}$ mice. <i>Journal of Lipid Research</i> , 2013 , 54, 2255-2264	6.3	17
73	HDL protein composition alters from proatherogenic into less atherogenic and proinflammatory in rheumatoid arthritis patients responding to rituximab. 2013 , 72, 560-5		61
72	Atherosclerosis-Susceptible and Atherosclerosis-Resistant Pigeon Aortic Smooth Muscle Cells Express Different Genes and Proteins in vitro. 2013 ,		
71	Imaging the Morphology and Structure of Apolipoprotein Amyloid Fibrils. 2014 , 247-254		
70	Vascular proteoglycans and atherosclerosis: not over yet. <i>Atherosclerosis</i> , 2014 , 237, 435-6	3.1	4
69	Biglycan deficiency: increased aortic aneurysm formation and lack of atheroprotection. 2014 , 75, 174-80		19
68	Inflammation in coronary artery disease. 2014 , 22, 279-88		67
67	Increased atherosclerosis in mice with increased vascular biglycan content. <i>Atherosclerosis</i> , 2014 , 235, 71-5	3.1	30
66	The response-to-retention hypothesis: From theory to the potential therapeutic approaches. 2014 , 4, 291-295		1
65	Partial-filling affinity capillary electrophoresis and quartz crystal microbalance with adsorption energy distribution calculations in the study of biomolecular interactions with apolipoprotein E as interaction partner. 2014 , 406, 4137-46		10
64	Decorin and biglycan retain LDL in disease-prone valvular and aortic subendothelial intimal matrix. <i>Atherosclerosis</i> , 2014 , 233, 113-21	3.1	32
63	Proteoglycan-LDL interactions: a novel therapeutic target?. <i>Atherosclerosis</i> , 2014 , 233, 232-3	3.1	5
62	Evaluation of a porcine model of early aortic valve sclerosis. 2014 , 23, 289-97		27
61	New targets of molecular imaging in atherosclerosis: prehension of current status. 2015 , 31, 245-55		2
60	iTRAQ proteomic analysis of extracellular matrix remodeling in aortic valve disease. <i>Scientific Reports</i> , 2015 , 5, 17290	4.9	26
59	Apolipoprotein-B. 2015 , 291-312		0

58	From Lipid Retention to Immune-Mediate Inflammation and Associated Angiogenesis in the Pathogenesis of Atherosclerosis. 2015 , 22, 739-49		24
57	The small leucine-rich repeat proteoglycans in tissue repair and atherosclerosis. <i>Journal of Internal Medicine</i> , 2015 , 278, 447-61	10.8	39
56	A brief elevation of serum amyloid A is sufficient to increase atherosclerosis. <i>Journal of Lipid Research</i> , 2015 , 56, 286-93	6.3	57
55	Hydrogen/Deuterium Exchange and Molecular Dynamics Analysis of Amyloid Fibrils Formed by a D69K Charge-Pair Mutant of Human Apolipoprotein C-II. <i>Biochemistry</i> , 2015 , 54, 4805-14	3.2	11
54	The small leucine-rich proteoglycan BGN accumulates in CADASIL and binds to NOTCH3. <i>Translational Stroke Research</i> , 2015 , 6, 148-55	7.8	19
53	Partial filling affinity capillary electrophoresis including adsorption energy distribution calculations--towards reliable and feasible biomolecular interaction studies. <i>Analyst, The</i> , 2015 , 140, 3175-82	5.5	12
52	Disturbed Laminar Blood Flow Vastly Augments Lipoprotein Retention in the Artery Wall: A Key Mechanism Distinguishing Susceptible From Resistant Sites. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1928-35	9.4	18
51	Neuroprotective Effects of Low-Dose Statins in the Retinal Ultrastructure of Hypercholesterolemic Rabbits. <i>PLoS ONE</i> , 2016 , 11, e0154800	3.7	6
50	Distinctive proteomic profiles among different regions of human carotid plaques in men and women. <i>Scientific Reports</i> , 2016 , 6, 26231	4.9	26
49	Loss of Biglycan Enhances Thrombin Generation in Apolipoprotein E-Deficient Mice: Implications for Inflammation and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, e41-50	9.4	33
48	The arterial microenvironment: the where and why of atherosclerosis. <i>Biochemical Journal</i> , 2016 , 473, 1281-95	3.8	95
47	Vascular proteomics in metabolic and cardiovascular diseases. <i>Journal of Internal Medicine</i> , 2016 , 280, 325-38	10.8	28
46	Cell-matrix mechanics and pattern formation in inflammatory cardiovascular calcification. <i>Heart</i> , 2016 , 102, 1710-1715	5.1	31
45	Smooth Muscle Cell Foam Cell Formation, Apolipoproteins, and ABCA1 in Intracranial Aneurysms: Implications for Lipid Accumulation as a Promoter of Aneurysm Wall Rupture. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016 , 75, 689-99	3.1	41
44	Vascular Disease in Hutchinson Gilford Progeria Syndrome and Aging: Common Phenotypes and Potential Mechanisms. 2016 , 433-457		
43	Effect of Percutaneous Coronary Intervention on Survival in Patients with Stable Ischemic Heart Disease. <i>Current Cardiology Reports</i> , 2017 , 19, 17	4.2	3
42	HDL abnormalities in familial hypercholesterolemia: Focus on biological functions. <i>Progress in Lipid Research</i> , 2017 , 67, 16-26	14.3	31
41	Learning from Synthetic Models of Extracellular Matrix; Differential Binding of Wild Type and Amyloidogenic Human Apolipoprotein A-I to Hydrogels Formed from Molecules Having Charges Similar to Those Found in Natural GAGs. <i>Protein Journal</i> , 2017 , 36, 374-383	3.9	2

40	High-Density Lipoproteins: Biology, Epidemiology, and Clinical Management. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 325-333	3.8	30
39	Biglycan Intensifies ALK5-Smad2/3 Signaling by TGF- β and Downregulates Syndecan-4 in Cultured Vascular Endothelial Cells. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 1087-1096	4.7	22
38	Molecular imaging of the extracellular matrix in the context of atherosclerosis. <i>Advanced Drug Delivery Reviews</i> , 2017 , 113, 49-60	18.5	15
37	A role for proteoglycans in vascular disease. <i>Matrix Biology</i> , 2018 , 71-72, 396-420	11.4	64
36	The Pathogenesis of Aortic Valvular Disease. 2018 , 61-65		
35	Extracellular Lipids Accumulate in Human Carotid Arteries as Distinct Three-Dimensional Structures and Have Proinflammatory Properties. <i>American Journal of Pathology</i> , 2018 , 188, 525-538	5.8	38
34	HDL functionality in familial hypercholesterolemia: effects of treatment modalities and pharmacological interventions. <i>Drug Discovery Today</i> , 2018 , 23, 171-180	8.8	15
33	Elevated circulating TGF- β s not the cause of increased atherosclerosis development in biglycan deficient mice. <i>Atherosclerosis</i> , 2018 , 268, 68-75	3.1	5
32	Proteoglycan 4 regulates macrophage function without altering atherosclerotic lesion formation in a murine bone marrow-specific deletion model. <i>Atherosclerosis</i> , 2018 , 274, 120-127	3.1	9
31	Epigallocatechin-3-gallate remodels apolipoprotein A-I amyloid fibrils into soluble oligomers in the presence of heparin. <i>Journal of Biological Chemistry</i> , 2018 , 293, 12877-12893	5.4	12
30	Versican is crucial for the initiation of cardiovascular lumen development in medaka (<i>Oryzias latipes</i>). <i>Scientific Reports</i> , 2019 , 9, 9475	4.9	10
29	Interaction of arterial proteoglycans with low density lipoproteins (LDLs): From theory to promising therapeutic approaches. <i>Medicine in Novel Technology and Devices</i> , 2019 , 3, 100016	2.1	7
28	The effects of oxidative stress on the development of atherosclerosis. <i>Biological Chemistry</i> , 2019 , 400, 711-732	4.5	51
27	Biglycan and atherosclerosis: Lessons from high cardiovascular risk conditions. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020 , 1865, 158545	5	13
26	Vitamin D for inflammation biomarkers in coronary artery disease: A protocol for systematic review and meta-analysis. <i>Medicine (United States)</i> , 2020 , 99, e21407	1.8	1
25	Extracellular matrix dynamics in vascular remodeling. <i>American Journal of Physiology - Cell Physiology</i> , 2020 , 319, C481-C499	5.4	20
24	Distinct patterns of apolipoprotein C-I, C-II, and C-III isoforms are associated with markers of Alzheimer's disease. <i>Journal of Lipid Research</i> , 2020 , 62, 100014	6.3	5
23	The Importance of Lipoprotein Lipase Regulation in Atherosclerosis. <i>Biomedicines</i> , 2021 , 9,	4.8	3

22	Small Leucine-Rich Proteoglycans (SLRPs) in the Retina. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
21	Acute Thromboembolic Ischemic Stroke From Complex Aortic Arch Plaque. <i>Cureus</i> , 2021 , 13, e16977	1.2	
20	Overfeeding Saturated Fat Increases LDL (Low-Density Lipoprotein) Aggregation Susceptibility While Overfeeding Unsaturated Fat Decreases Proteoglycan-Binding of Lipoproteins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 2823-2836	9.4	2
19	Smooth Muscle Cell-Proteoglycan-Lipoprotein Interactions as Drivers of Atherosclerosis. <i>Handbook of Experimental Pharmacology</i> , 2020 , 1	3.2	4
18	Extracellular Matrix and Smooth Muscle Cells. 2012 , 435-460		1
17	ADAMTS proteases in cardiovascular physiology and disease. <i>Open Biology</i> , 2020 , 10, 200333	7	11
16	Serum amyloid A impairs the antiinflammatory properties of HDL. <i>Journal of Clinical Investigation</i> , 2016 , 126, 266-81	15.9	88
15	Macrophage-specific apoE gene repair reduces diet-induced hyperlipidemia and atherosclerosis in hypomorphic Apoe mice. <i>PLoS ONE</i> , 2012 , 7, e35816	3.7	12
14	Transcriptome-based identification of new anti-inflammatory and vasodilating properties of the n-3 fatty acid docosahexaenoic acid in vascular endothelial cell under proinflammatory conditions [corrected]. <i>PLoS ONE</i> , 2015 , 10, e0129652	3.7	7
13	Impact of Glycated Hemoglobin Level on Severity of Coronary Artery Disease in Non-Diabetic Patients. <i>Journal of Cardiology & Current Research</i> , 2016 , 7,	0.1	1
12	Biosynthesis of natural and hyperelongated chondroitin sulfate glycosaminoglycans: new insights into an elusive process. <i>The Open Biochemistry Journal</i> , 2008 , 2, 135-42	0.9	33
11	Regulation of vascular proteoglycan synthesis by metabolic factors associated with diabetes. <i>Journal of Investigative Medicine</i> , 2007 , 55, 18-25	2.9	12
10	Angiotensin II and Vascular Extracellular Matrix. <i>Handbook of Experimental Pharmacology</i> , 2004 , 39-63	3.2	1
9	Role of Proteoglycans in Vascular Mechanotransduction. 2010 , 219-236		
8	Pathology of the Extracranial Carotid and Vertebral Arteries. 2018 , 21-44		
7	Induction of Versican V0 Variant Synthesis by A Thrombin Receptor Agonist Peptide in Cultured Human Coronary Smooth Muscle Cells. <i>BPB Reports</i> , 2019 , 2, 106-112	0.3	1
6	Glycosaminoglycans as Novel Targets for in vivo Contrast-Enhanced Magnetic Resonance Imaging of Atherosclerosis. <i>Journal of Cardiology and Cardiovascular Medicine</i> , 2020 , 5, 080-088	0.1	
5	Monoclonal Autoantibody Against a Cryptic Epitope on Tissue-Adherent Low-Density Lipoprotein for Molecular Imaging in Atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2022 ,	8.4	0

4	HDL as Bidirectional Lipid Vectors: Time for New Paradigms. <i>Biomedicines</i> , 2022 , 10, 1180	4.8	1
3	pH-Dependent Protonation of Histidine Residues Is Critical for Electrostatic LDL (Low-Density Lipoprotein) Binding to Human Coronary Arteries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> ,	9.4	2
2	Smooth Muscle Cell-Macrophage Interactions Leading to Foam Cell Formation in Atherosclerosis: Location, Location, Location. <i>Frontiers in Physiology</i> , 13,	4.6	1
1	Extracellular Matrix Profiling and Disease Modelling in Engineered Vascular Smooth Muscle Cell Tissues. 2022 , 16, 100122		0