

Goran K Hansson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

202
papers

33,477
citations

71
h-index

182
g-index

220
ext. papers

37,819
ext. citations

10.3
avg, IF

7.89
L-index

#	Paper	IF	Citations
202	Inflammation, atherosclerosis, and coronary artery disease. <i>New England Journal of Medicine</i> , 2005 , 352, 1685-95	59.2	6348
201	Progress and challenges in translating the biology of atherosclerosis. <i>Nature</i> , 2011 , 473, 317-25	50.4	2436
200	From vulnerable plaque to vulnerable patient: a call for new definitions and risk assessment strategies: Part I. <i>Circulation</i> , 2003 , 108, 1664-72	16.7	1985
199	The immune response in atherosclerosis: a double-edged sword. <i>Nature Reviews Immunology</i> , 2006 , 6, 508-19	36.5	1682
198	The immune system in atherosclerosis. <i>Nature Immunology</i> , 2011 , 12, 204-12	19.1	1454
197	Inflammation in atherosclerosis: from pathophysiology to practice. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 2129-38	15.1	1415
196	From vulnerable plaque to vulnerable patient: a call for new definitions and risk assessment strategies: Part II. <i>Circulation</i> , 2003 , 108, 1772-8	16.7	886
195	Innate and adaptive immunity in the pathogenesis of atherosclerosis. <i>Circulation Research</i> , 2002 , 91, 281-91	15.7	794
194	Natural regulatory T cells control the development of atherosclerosis in mice. <i>Nature Medicine</i> , 2006 , 12, 178-80	50.5	786
193	Cytokine expression in advanced human atherosclerotic plaques: dominance of pro-inflammatory (Th1) and macrophage-stimulating cytokines. <i>Atherosclerosis</i> , 1999 , 145, 33-43	3.1	770
192	Inflammation and atherosclerosis. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2006 , 1, 297-329	34	718
191	Atherosclerosis. <i>Nature Reviews Disease Primers</i> , 2019 , 5, 56	51.1	657
190	Immune effector mechanisms implicated in atherosclerosis: from mice to humans. <i>Immunity</i> , 2013 , 38, 1092-104	32.3	456
189	The immunology of atherosclerosis. <i>Nature Reviews Nephrology</i> , 2017 , 13, 368-380	14.9	422
188	Nuclear factor kappa-B and the heart. <i>Journal of the American College of Cardiology</i> , 2001 , 38, 307-14	15.1	376
187	Protective immunity against atherosclerosis carried by B cells of hypercholesterolemic mice. <i>Journal of Clinical Investigation</i> , 2002 , 109, 745-53	15.9	371
186	Disruption of TGF-beta signaling in T cells accelerates atherosclerosis. <i>Journal of Clinical Investigation</i> , 2003 , 112, 1342-50	15.9	310

185	Reduced atherosclerosis in interleukin-18 deficient apolipoprotein E-knockout mice. <i>Cardiovascular Research</i> , 2003 , 59, 234-40	9.9	270
184	Expression of toll-like receptors in human atherosclerotic lesions: a possible pathway for plaque activation. <i>Circulation</i> , 2002 , 105, 1158-61	16.7	267
183	Interleukin-10 Deficiency Increases Atherosclerosis, Thrombosis, and Low-density Lipoproteins in Apolipoprotein E Knockout Mice. <i>Molecular Medicine</i> , 2003 , 9, 10-17	6.2	261
182	CD1d-dependent activation of NKT cells aggravates atherosclerosis. <i>Journal of Experimental Medicine</i> , 2004 , 199, 417-22	16.6	261
181	Expression of neutrophil gelatinase-associated lipocalin in atherosclerosis and myocardial infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 136-42	9.4	260
180	Anti-inflammatory therapies for atherosclerosis. <i>Nature Reviews Cardiology</i> , 2015 , 12, 199-211	14.8	251
179	Inflammation and immunity in diseases of the arterial tree: players and layers. <i>Circulation Research</i> , 2015 , 116, 307-11	15.7	249
178	Depletion of FOXP3+ regulatory T cells promotes hypercholesterolemia and atherosclerosis. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1323-34	15.9	242
177	Production of the long pentraxin PTX3 in advanced atherosclerotic plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, e10-4	9.4	229
176	Adaptive immunity and atherosclerosis. <i>Clinical Immunology</i> , 2010 , 134, 33-46	9	216
175	Expression of 5-lipoxygenase and leukotriene A4 hydrolase in human atherosclerotic lesions correlates with symptoms of plaque instability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 8161-6	11.5	204
174	T cells in atherogenesis: for better or for worse?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 2421-32	9.4	198
173	Innate immunity, macrophage activation, and atherosclerosis. <i>Immunological Reviews</i> , 2007 , 219, 187-203	11.3	196
172	Leukotriene B4 signaling through NF-kappaB-dependent BLT1 receptors on vascular smooth muscle cells in atherosclerosis and intimal hyperplasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 17501-6	11.5	190
171	Inhibition of T cell response to native low-density lipoprotein reduces atherosclerosis. <i>Journal of Experimental Medicine</i> , 2010 , 207, 1081-93	16.6	174
170	CD137 is expressed in human atherosclerosis and promotes development of plaque inflammation in hypercholesterolemic mice. <i>Circulation</i> , 2008 , 117, 1292-301	16.7	169
169	CXCL16/SR-PSOX is an interferon-gamma-regulated chemokine and scavenger receptor expressed in atherosclerotic lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 750-5	9.4	160
168	Adaptive Response of T and B Cells in Atherosclerosis. <i>Circulation Research</i> , 2016 , 118, 668-78	15.7	155

167	Intranasal immunization with an apolipoprotein B-100 fusion protein induces antigen-specific regulatory T cells and reduces atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 946-52	9.4	153
166	Enhanced T-cell expression of RANK ligand in acute coronary syndrome: possible role in plaque destabilization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 857-63	9.4	153
165	Accumulation of foam cells in liver X receptor-deficient mice. <i>Circulation</i> , 2002 , 106, 1147-53	16.7	153
164	NLRP3 Inflammasome Expression and Activation in Human Atherosclerosis. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	150
163	Immunotherapy with tolerogenic apolipoprotein B-100-loaded dendritic cells attenuates atherosclerosis in hypercholesterolemic mice. <i>Circulation</i> , 2011 , 123, 1083-91	16.7	143
162	Transforming growth factor- β signaling in T cells promotes stabilization of atherosclerotic plaques through an interleukin-17-dependent pathway. <i>Science Translational Medicine</i> , 2013 , 5, 196ra100	17.5	137
161	Innate immune signals in atherosclerosis. <i>Clinical Immunology</i> , 2010 , 134, 5-24	9	137
160	Atherosclerosis--an immune disease: The Anitschkov Lecture 2007. <i>Atherosclerosis</i> , 2009 , 202, 2-10	3.1	134
159	Dickkopf-1 enhances inflammatory interaction between platelets and endothelial cells and shows increased expression in atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1228-34	9.4	129
158	Treating inflammation in atherosclerotic cardiovascular disease: emerging therapies. <i>European Heart Journal</i> , 2009 , 30, 2838-44	9.5	128
157	Interleukin-10 deficiency increases atherosclerosis, thrombosis, and low-density lipoproteins in apolipoprotein E knockout mice. <i>Molecular Medicine</i> , 2003 , 9, 10-7	6.2	121
156	Adoptive transfer of CD4+ T cells reactive to modified low-density lipoprotein aggravates atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 864-70	9.4	120
155	Cell-mediated immunity in atherosclerosis. <i>Current Opinion in Lipidology</i> , 1997 , 8, 301-11	4.4	115
154	Treg-mediated suppression of atherosclerosis requires MYD88 signaling in DCs. <i>Journal of Clinical Investigation</i> , 2013 , 123, 179-88	15.9	113
153	Association of hypo-responsive toll-like receptor 4 variants with risk of myocardial infarction. <i>European Heart Journal</i> , 2004 , 25, 1447-53	9.5	113
152	Enhanced expression of the homeostatic chemokines CCL19 and CCL21 in clinical and experimental atherosclerosis: possible pathogenic role in plaque destabilization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 614-20	9.4	111
151	Immunomodulation of atherosclerosis: implications for vaccine development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 18-28	9.4	107
150	Effects of sex and age on atherosclerosis and autoimmunity in apoE-deficient mice. <i>Atherosclerosis</i> , 1999 , 145, 301-8	3.1	107

149	Adhesion molecule expression on cerebrospinal fluid T lymphocytes: evidence for common recruitment mechanisms in multiple sclerosis, aseptic meningitis, and normal controls. <i>Annals of Neurology</i> , 1993 , 34, 155-61	9.4	104
148	Lesion development and response to immunization reveal a complex role for CD4 in atherosclerosis. <i>Circulation Research</i> , 2005 , 96, 427-34	15.7	100
147	Chemokines and atherosclerosis. <i>Annals of Medicine</i> , 2004 , 36, 98-118	1.5	96
146	5-Lipoxygenase-activating protein: a potential link between innate and adaptive immunity in atherosclerosis and adipose tissue inflammation. <i>Circulation Research</i> , 2007 , 100, 946-9	15.7	93
145	Association of genetic risk variants with expression of proximal genes identifies novel susceptibility genes for cardiovascular disease. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 365-73		89
144	Cellular immunity, low-density lipoprotein and atherosclerosis: break of tolerance in the artery wall. <i>Thrombosis and Haemostasis</i> , 2011 , 106, 779-86	7	86
143	The discovery of cellular immunity in the atherosclerotic plaque. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1714-7	9.4	86
142	Leukotriene receptors in atherosclerosis. <i>Annals of Medicine</i> , 2006 , 38, 493-502	1.5	85
141	Platelets regulate CD4+ T-cell differentiation via multiple chemokines in humans. <i>Thrombosis and Haemostasis</i> , 2011 , 106, 353-62	7	83
140	The macrophage scavenger receptor type A directs modified proteins to antigen presentation. <i>European Journal of Immunology</i> , 1999 , 29, 512-21	6.1	83
139	ERV1/ChemR23 Signaling Protects Against Atherosclerosis by Modifying Oxidized Low-Density Lipoprotein Uptake and Phagocytosis in Macrophages. <i>Circulation</i> , 2018 , 138, 1693-1705	16.7	81
138	Ultrastructural studies on the localization of IgG in the aortic endothelium and subendothelial intima of atherosclerotic and nonatherosclerotic rabbits. <i>Experimental and Molecular Pathology</i> , 1980 , 33, 302-15	4.4	78
137	Toll-like receptor 3 and 4 signalling through the TRIF and TRAM adaptors in haematopoietic cells promotes atherosclerosis. <i>Cardiovascular Research</i> , 2013 , 99, 364-73	9.9	76
136	The use of network analyses for elucidating mechanisms in cardiovascular disease. <i>Molecular BioSystems</i> , 2010 , 6, 289-304		76
135	Highlights of 10 years of immunology in Nature Reviews Immunology. <i>Nature Reviews Immunology</i> , 2011 , 11, 693-702	36.5	75
134	Toll-like receptor 7 protects from atherosclerosis by constraining "inflammatory" macrophage activation. <i>Circulation</i> , 2012 , 126, 952-62	16.7	73
133	Prediction of ischemic events on the basis of transcriptomic and genomic profiling in patients undergoing carotid endarterectomy. <i>Molecular Medicine</i> , 2012 , 18, 669-75	6.2	72
132	Inflammation and Atherosclerosis: The End of a Controversy. <i>Circulation</i> , 2017 , 136, 1875-1877	16.7	71

131	Cytokine-induced expression of nitric oxide synthase results in nitrosylation of heme and nonheme iron proteins in vascular smooth muscle cells. <i>Experimental Cell Research</i> , 1994 , 214, 418-28	4.2	71
130	Kruppel-like factor KLF10 targets transforming growth factor-beta1 to regulate CD4(+)CD25(-) T cells and T regulatory cells. <i>Journal of Biological Chemistry</i> , 2009 , 284, 24914-24	5.4	70
129	Lack of complement factor C3, but not factor B, increases hyperlipidemia and atherosclerosis in apolipoprotein E-/- low-density lipoprotein receptor-/- mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 1062-7	9.4	70
128	Inflammation and immune response in atherosclerosis. <i>Current Atherosclerosis Reports</i> , 1999 , 1, 150-5	6	70
127	Human arterial smooth muscle cells in culture. Effects of platelet-derived growth factor and heparin on growth in vitro. <i>Experimental Cell Research</i> , 1988 , 176, 319-35	4.2	70
126	Upregulation of the 5-lipoxygenase pathway in human aortic valves correlates with severity of stenosis and leads to leukotriene-induced effects on valvular myofibroblasts. <i>Circulation</i> , 2011 , 123, 1316-25	16.7	69
125	MicroRNA-210 Enhances Fibrous Cap Stability in Advanced Atherosclerotic Lesions. <i>Circulation Research</i> , 2017 , 120, 633-644	15.7	68
124	Activation of inducible nitric oxide synthase/nitric oxide by curli fibers leads to a fall in blood pressure during systemic Escherichia coli infection in mice. <i>Journal of Infectious Diseases</i> , 2001 , 183, 612-3	3	67
123	The role of the FPR2/ALX receptor in atherosclerosis development and plaque stability. <i>Cardiovascular Research</i> , 2015 , 105, 65-74	9.9	66
122	The tryptophan metabolite 3-hydroxyanthranilic acid lowers plasma lipids and decreases atherosclerosis in hypercholesterolaemic mice. <i>European Heart Journal</i> , 2012 , 33, 2025-34	9.5	66
121	Aspirin-triggered lipoxin A4 inhibits atherosclerosis progression in apolipoprotein E mice. <i>British Journal of Pharmacology</i> , 2017 , 174, 4043-4054	8.6	65
120	From Focal Lipid Storage to Systemic Inflammation: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1594-1607	15.1	65
119	MHC Class II-restricted antigen presentation by plasmacytoid dendritic cells drives proatherogenic T cell immunity. <i>Circulation</i> , 2014 , 130, 1363-73	16.7	64
118	Expression of interleukin-15 in mouse and human atherosclerotic lesions. <i>American Journal of Pathology</i> , 2001 , 159, 417-23	5.8	62
117	Regulatory T cells in atherosclerosis: critical immune regulatory function and therapeutic potential. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 901-22	10.3	61
116	Toll to be paid at the gateway to the vessel wall. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 1085-7	9.4	60
115	Pyrrolidine dithiocarbamate-induced apoptosis depends on cell type, density, and the presence of Cu(2+) and Zn(2+). <i>American Journal of Physiology - Cell Physiology</i> , 2000 , 278, C1116-25	5.4	60
114	Human arterial smooth muscle cells in culture: inverse relationship between proliferation and expression of contractile proteins. <i>In Vitro Cellular & Developmental Biology</i> , 1989 , 25, 511-20		60

113	12- and 15-lipoxygenases in human carotid atherosclerotic lesions: associations with cerebrovascular symptoms. <i>Atherosclerosis</i> , 2011 , 215, 411-6	3.1	59
112	Sphingosine-1-phosphate analogue FTY720 causes lymphocyte redistribution and hypercholesterolemia in ApoE-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 2392-9	9.4	56
111	Immunology of ischemic vascular disease: plaque to attack. <i>Trends in Immunology</i> , 2005 , 26, 550-6	14.4	56
110	Regulation of Immune Mechanisms in Atherosclerosis. <i>Annals of the New York Academy of Sciences</i> , 2006 , 947, 157-166	6.5	53
109	Inhibition of indoleamine 2,3-dioxygenase promotes vascular inflammation and increases atherosclerosis in Apoe ^{-/-} mice. <i>Cardiovascular Research</i> , 2015 , 106, 295-302	9.9	52
108	Vaccination against atherosclerosis? Induction of atheroprotective immunity. <i>Seminars in Immunopathology</i> , 2009 , 31, 95-101	12	50
107	Immune mechanisms in atherogenesis. <i>Annals of Medicine</i> , 1994 , 26, 141-6	1.5	49
106	Osteoprotegerin promotes fibrous cap formation in atherosclerotic lesions of ApoE-deficient mice--brief report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1478-80	9.4	47
105	Dendritic cells pulsed with malondialdehyde modified low density lipoprotein aggravate atherosclerosis in Apoe ^(-/-) mice. <i>Atherosclerosis</i> , 2010 , 209, 436-41	3.1	46
104	cDNA cloning and expression of inducible nitric oxide synthase from rat vascular smooth muscle cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1994 , 1218, 421-4		46
103	Plasma protein accumulation in injured endothelial cells. Immunofluorescent localization of IgG and fibrinogen in the rabbit aortic endothelium. <i>Experimental and Molecular Pathology</i> , 1979 , 30, 12-26	4.4	45
102	Sterile inflammation in the spleen during atherosclerosis provides oxidation-specific epitopes that induce a protective B-cell response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E2030-8	11.5	44
101	Subcutaneous immunization with heat shock protein-65 reduces atherosclerosis in Apoe ^{+/?} mice. <i>Immunobiology</i> , 2012 , 217, 540-7	3.4	44
100	IKKbeta-dependent NF-kappaB pathway controls vascular inflammation and intimal hyperplasia. <i>FASEB Journal</i> , 2005 , 19, 1293-5	0.9	43
99	Scavenger receptors mediate adhesion of activated B lymphocytes. <i>Experimental Cell Research</i> , 1998 , 239, 16-22	4.2	42
98	Fc-dependent binding of monocytes to areas with endothelial injury in the rabbit aorta. <i>Experimental and Molecular Pathology</i> , 1981 , 34, 264-80	4.4	42
97	Phenotypic Modulation of Smooth Muscle Cells in Atherosclerosis Is Associated With Downregulation of LMOD1, SYNPO2, PDLIM7, PLN, and SYNM. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1947-61	9.4	42
96	Short-term delivery of anti-PLGF antibody delays progression of atherosclerotic plaques to vulnerable lesions. <i>Cardiovascular Research</i> , 2010 , 86, 29-36	9.9	41

95	Hypercholesterolemia Induces Differentiation of Regulatory T Cells in the Liver. <i>Circulation Research</i> , 2017 , 120, 1740-1753	15.7	40
94	Induction of CD36 by all-trans retinoic acid: retinoic acid receptor signaling in the pathogenesis of atherosclerosis. <i>FASEB Journal</i> , 2001 , 15, 1221-3	0.9	40
93	Retinoic acid inhibits nitric oxide synthase-2 expression through the retinoic acid receptor-alpha. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 270, 846-51	3.4	40
92	T-cell activation leads to reduced collagen maturation in atherosclerotic plaques of Apoe(-/-) mice. <i>American Journal of Pathology</i> , 2009 , 174, 693-700	5.8	39
91	Induction of Neonatal Tolerance to Oxidized Lipoprotein Reduces Atherosclerosis In ApoE Knockout Mice. <i>Molecular Medicine</i> , 2000 , 6, 283-290	6.2	38
90	Omega-3 fatty acids, cardiovascular risk, and the resolution of inflammation. <i>FASEB Journal</i> , 2019 , 33, 1536-1539	0.9	37
89	Hypercholesterolemia Enhances T Cell Receptor Signaling and Increases the Regulatory T Cell Population. <i>Scientific Reports</i> , 2017 , 7, 15655	4.9	37
88	T cell-mediated inflammation in adipose tissue does not cause insulin resistance in hyperlipidemic mice. <i>Circulation Research</i> , 2009 , 104, 961-8	15.7	37
87	Identification of a danger-associated peptide from apolipoprotein B100 (ApoBDS-1) that triggers innate proatherogenic responses. <i>Circulation</i> , 2011 , 124, 2433-43, 1-7	16.7	36
86	Identification of the BCAR1-CFDP1-TMEM170A locus as a determinant of carotid intima-media thickness and coronary artery disease risk. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 656-65		35
85	Thromboxane synthase expression and thromboxane A2 production in the atherosclerotic lesion. <i>Journal of Molecular Medicine</i> , 2010 , 88, 795-806	5.5	35
84	Effect of sex and age on serum biochemical reference ranges in C57BL/6J mice. <i>Comparative Medicine</i> , 2004 , 54, 176-8	1.6	35
83	Interferon- γ Released by Activated CD8 T Lymphocytes Impairs the Calcium Resorption Potential of Osteoclasts in Calcified Human Aortic Valves. <i>American Journal of Pathology</i> , 2017 , 187, 1413-1425	5.8	34
82	Rip2 deficiency leads to increased atherosclerosis despite decreased inflammation. <i>Circulation Research</i> , 2011 , 109, 1210-8	15.7	33
81	Immune mechanisms in atherosclerosis. <i>Coronary Artery Disease</i> , 1994 , 5, 216-22	1.4	33
80	Low-Density Lipoprotein-Reactive T Cells Regulate Plasma Cholesterol Levels and Development of Atherosclerosis in Humanized Hypercholesterolemic Mice. <i>Circulation</i> , 2018 , 138, 2513-2526	16.7	32
79	NOD2-mediated innate immune signaling regulates the eicosanoids in atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2193-201	9.4	31
78	The contribution of inducible nitric oxide and cytomegalovirus to the stability of complex carotid plaque. <i>Journal of Vascular Surgery</i> , 1999 , 30, 36-49; discussion 50	3.5	31

77	Innate immune receptor NOD2 promotes vascular inflammation and formation of lipid-rich necrotic cores in hypercholesterolemic mice. <i>European Journal of Immunology</i> , 2014 , 44, 3081-92	6.1	30
76	Hypercholesterolemia leads to elevated TGF-beta1 activity and T helper 3-dependent autoimmune responses in atherosclerotic mice. <i>Atherosclerosis</i> , 2009 , 204, 381-7	3.1	30
75	Cyclosporine A inhibits induction of DNA synthesis by PDGF and other peptide mitogens in cultured rat aortic smooth muscle cells and dermal fibroblasts. <i>Growth Factors</i> , 1991 , 4, 209-19	1.6	30
74	IgG binding to cytoskeletal intermediate filaments activates the complement cascade. <i>Experimental Cell Research</i> , 1987 , 170, 338-50	4.2	30
73	Augmented Th17 differentiation in Trim21 deficiency promotes a stable phenotype of atherosclerotic plaques with high collagen content. <i>Cardiovascular Research</i> , 2018 , 114, 158-167	9.9	29
72	Germinal Center-Derived Antibodies Promote Atherosclerosis Plaque Size and Stability. <i>Circulation</i> , 2019 , 139, 2466-2482	16.7	28
71	Alternative Splicing of Controls Regulatory T Cell Effector Functions and Is Associated With Human Atherosclerotic Plaque Stability. <i>Circulation Research</i> , 2018 , 122, 1385-1394	15.7	28
70	Valvular osteoclasts in calcification and aortic valve stenosis severity. <i>International Journal of Cardiology</i> , 2013 , 168, 2264-71	3.2	28
69	Accumulation of IgG and complement factor C3 in human arterial endothelium and atherosclerotic lesions. <i>Acta Pathologica, Microbiologica, Et Immunologica Scandinavica Section A, Pathology</i> , 1984 , 92, 429-35		28
68	Acute Loss of Apolipoprotein E Triggers an Autoimmune Response That Accelerates Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, e145-e158	9.4	27
67	Novel Multiomics Profiling of Human Carotid Atherosclerotic Plaques and Plasma Reveals Biliverdin Reductase B as a Marker of Intraplaque Hemorrhage. <i>JACC Basic To Translational Science</i> , 2018 , 3, 464-480	8.7	27
66	Prevention of radiotherapy-induced arterial inflammation by interleukin-1 blockade. <i>European Heart Journal</i> , 2019 , 40, 2495-2503	9.5	26
65	Modulation of autoimmunity and atherosclerosis - common targets and promising translational approaches against disease. <i>Circulation Journal</i> , 2015 , 79, 924-33	2.9	26
64	The role of adaptive immunity in atherosclerosis. <i>Annals of the New York Academy of Sciences</i> , 2000 , 902, 53-62; discussion 62-4	6.5	26
63	Inflammatory interaction between LIGHT and proteinase-activated receptor-2 in endothelial cells: potential role in atherogenesis. <i>Circulation Research</i> , 2009 , 104, 60-8	15.7	24
62	α Nicotinic acetylcholine receptor is expressed in human atherosclerosis and inhibits disease in mice--brief report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2632-6	9.4	23
61	CARD8 gene encoding a protein of innate immunity is expressed in human atherosclerosis and associated with markers of inflammation. <i>Clinical Science</i> , 2013 , 125, 401-7	6.5	23
60	Increased levels of the homeostatic chemokine CXCL13 in human atherosclerosis - Potential role in plaque stabilization. <i>Atherosclerosis</i> , 2012 , 224, 266-73	3.1	22

59	Pulling down the plug on atherosclerosis: cooling down the inflammasome. <i>Nature Medicine</i> , 2011 , 17, 790-1	50.5	21
58	Cysteinyl leukotriene signaling aggravates myocardial hypoxia in experimental atherosclerotic heart disease. <i>PLoS ONE</i> , 2012 , 7, e41786	3.7	21
57	Low TLR7 gene expression in atherosclerotic plaques is associated with major adverse cardio- and cerebrovascular events. <i>Cardiovascular Research</i> , 2017 , 113, 30-39	9.9	20
56	Lack of invariant natural killer T cells affects lipid metabolism in adipose tissue of diet-induced obese mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1189-96	9.4	20
55	Enhanced phenylephrine-induced rhythmic activity in the atherosclerotic mouse aorta via an increase in opening of KCa channels: relation to Kv channels and nitric oxide. <i>British Journal of Pharmacology</i> , 1999 , 128, 637-46	8.6	20
54	T cell-based therapies for atherosclerosis. <i>Current Pharmaceutical Design</i> , 2013 , 19, 5850-8	3.3	20
53	Vaccination Strategies and Immune Modulation of Atherosclerosis. <i>Circulation Research</i> , 2020 , 126, 1281-1296	13.7	18
52	The atheroprotective effect of 17beta-estradiol depends on complex interactions in adaptive immunity. <i>American Journal of Pathology</i> , 2005 , 167, 267-74	5.8	18
51	Activation-induced FOXP3 isoform profile in peripheral CD4+ T cells is associated with coronary artery disease. <i>Atherosclerosis</i> , 2017 , 267, 27-33	3.1	17
50	Gene expression of inflammatory mediators in different chambers of the human heart. <i>Annals of Thoracic Surgery</i> , 2000 , 70, 562-7	2.7	17
49	Deficiency of the T cell regulator Casitas B-cell lymphoma-B aggravates atherosclerosis by inducing CD8+ T cell-mediated macrophage death. <i>European Heart Journal</i> , 2019 , 40, 372-382	9.5	17
48	Activation of the Regulatory T-Cell/Indoleamine 2,3-Dioxygenase Axis Reduces Vascular Inflammation and Atherosclerosis in Hyperlipidemic Mice. <i>Frontiers in Immunology</i> , 2018 , 9, 950	8.4	16
47	Hydrogen peroxide induces mRNA for tumour necrosis factor alpha in human endothelial cells. <i>Free Radical Research</i> , 1999 , 31, 503-12	4	16
46	Toll-Like Receptor 3 Influences Glucose Homeostasis and β Cell Insulin Secretion. <i>Diabetes</i> , 2015 , 64, 3425-38	0.9	15
45	Immunomodulation and vaccination for atherosclerosis. <i>Expert Opinion on Biological Therapy</i> , 2004 , 4, 599-612	5.4	15
44	Neil3-dependent base excision repair regulates lipid metabolism and prevents atherosclerosis in ApoE-deficient mice. <i>Scientific Reports</i> , 2016 , 6, 28337	4.9	15
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