Mat J A P Daemen

List of Publications by Year
in descending order

172	16,178	17776 65	19470 122
papers	citations	h-index	g-index

173	173	173	22410
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proximal Region of Carotid Atherosclerotic Plaque Shows More Intraplaque Hemorrhage: The Plaque at Risk Study. American Journal of Neuroradiology, 2022, 43, 265-271.	1.2	6
2	Low Density Lipoprotein Exposure of Plasmacytoid Dendritic Cells Blunts Toll-like Receptor 7/9 Signaling via NUR77. Biomedicines, 2022, 10, 1152.	1.4	1
3	Carotid Plaque Characteristics Predict Recurrent Ischemic Stroke and TIA. JACC: Cardiovascular Imaging, 2022, 15, 1715-1726.	2.3	30
4	Cerebral Blood Flow in Patients with Severe Aortic Valve Stenosis Undergoing Transcatheter Aortic Valve Implantation. Journal of the American Geriatrics Society, 2021, 69, 494-499.	1.3	13
5	Arterial Remodeling of the Intracranial Arteries in Patients With Hypertension and Controls. Hypertension, 2021, 77, 135-146.	1.3	5
6	Iron Oxide Nanoparticle Uptake in Mouse Brachiocephalic Artery Atherosclerotic Plaque Quantified by T2-Mapping MRI. Pharmaceutics, 2021, 13, 279.	2.0	7
7	Vascular Hypothesis of Alzheimer Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1265-1283.	1.1	37
8	Integrative multiomics analysis of human atherosclerosis reveals a serum response factorâ€driven network associated with intraplaque hemorrhage. Clinical and Translational Medicine, 2021, 11, e458.	1.7	33
9	Lipoprotein(a) levels and atherosclerotic plaque characteristics in the carotid artery: The Plaque at RISK (PARISK) study. Atherosclerosis, 2021, 329, 22-29.	0.4	21
10	Association between Intraplaque Hemorrhage and Vascular Remodeling in Carotid Arteries: The Plaque at RISK (PARISK) Study. Cerebrovascular Diseases, 2021, 50, 94-99.	0.8	3
11	Autophagy unleashes noncanonical microRNA functions. Autophagy, 2020, 16, 2294-2296.	4.3	6
12	Inhibition of PFKFB3 Hampers the Progression of Atherosclerosis and Promotes Plaque Stability. Frontiers in Cell and Developmental Biology, 2020, 8, 581641.	1.8	29
13	Glucocorticoid-induced tumour necrosis factor receptor family-related protein (GITR) drives atherosclerosis in mice and is associated with an unstable plaque phenotype and cerebrovascular events in humans. European Heart Journal, 2020, 41, 2938-2948.	1.0	22
14	Noncanonical inhibition of caspase-3 by a nuclear microRNA confers endothelial protection by autophagy in atherosclerosis. Science Translational Medicine, 2020, 12, .	5.8	88
15	Atherosclerosis of the Carotid Artery. , 2020, , 69-91.		1
16	Low-density lipoproteins cause atherosclerotic cardiovascular disease: pathophysiological, genetic, and therapeutic insights: a consensus statement from the European Atherosclerosis Society Consensus Panel. European Heart Journal, 2020, 41, 2313-2330.	1.0	776
17	Profiling the unique protective properties of intracranial arterial endothelial cells. Acta Neuropathologica Communications, 2019, 7, 151.	2.4	8
18	Externalized histone H4 orchestrates chronic inflammation by inducing lytic cell death. Nature, 2019, 569, 236-240.	13.7	268

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19	Microvasculature and intraplaque hemorrhage in atherosclerotic carotid lesions: a cardiovascular magnetic resonance imaging study. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 15.	1.6	14
20	Deficiency of the T cell regulator Casitas B-cell lymphoma-B aggravates atherosclerosis by inducing CD8+ T cell-mediated macrophage death. European Heart Journal, 2019, 40, 372-382.	1.0	37
21	The Missing Link in the Pathophysiology of Vascular Cognitive Impairment: Design of the Heart-Brain Study. Cerebrovascular Diseases Extra, 2018, 7, 140-152.	0.5	44
22	No Association between Thrombin Generation and Intra-Plaque Haemorrhage in Symptomatic Carotid Atherosclerotic Plaques: The Plaque at RISK (PARISK) Study. Thrombosis and Haemostasis, 2018, 118, 1461-1469.	1.8	9
23	Vessel wall and adventitial DCEâ€MRI parameters demonstrate similar correlations with carotid plaque microvasculature on histology. Journal of Magnetic Resonance Imaging, 2017, 46, 1053-1059.	1.9	11
24	Abnormal haemodynamic postural response in patients with chronic heart failure. ESC Heart Failure, 2017, 4, 146-153.	1.4	14
25	The cerebrovascular response to lower-body negative pressure vs. head-up tilt. Journal of Applied Physiology, 2017, 122, 877-883.	1.2	17
26	Recommendation on Design, Execution, and Reporting of Animal Atherosclerosis Studies: A Scientific Statement From the American Heart Association. Circulation Research, 2017, 121, e53-e79.	2.0	69
27	Recommendation on Design, Execution, and Reporting of Animal Atherosclerosis Studies: A Scientific Statement From the American Heart Association. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, e131-e157.	1.1	262
28	Aging modifies the effect of cardiac output on middle cerebral artery blood flow velocity. Physiological Reports, 2017, 5, e13361.	0.7	22
29	Intraleaflet hemorrhages are a common finding in symptomatic aortic and mitral valves. Cardiovascular Pathology, 2017, 30, 12-18.	0.7	8
30	Intracranial Vessel Wall MRI: Principles and Expert Consensus Recommendations of the American Society of Neuroradiology. American Journal of Neuroradiology, 2017, 38, 218-229.	1.2	457
31	Heart rate lowering treatment leads to a reduction in vulnerable plaque features in atherosclerotic rabbits. PLoS ONE, 2017, 12, e0179024.	1.1	8
32	MerTK receptor cleavage promotes plaque necrosis and defective resolution in atherosclerosis. Journal of Clinical Investigation, 2017, 127, 564-568.	3.9	158
33	Cathepsin K Deficiency Prevents the Aggravated Vascular Remodeling Response to Flow Cessation in ApoE-/- Mice. PLoS ONE, 2016, 11, e0162595.	1.1	9
34	Cardiovascular Response Patterns to Sympathetic Stimulation by Central Hypovolemia. Frontiers in Physiology, 2016, 7, 235.	1.3	6
35	Deficiency of the oxygen sensor prolyl hydroxylase 1 attenuates hypercholesterolaemia, atherosclerosis, and hyperglycaemia. European Heart Journal, 2016, 37, 2993-2997.	1.0	40
36	Quantitative Intracranial Atherosclerotic Plaque Characterization at 7T MRI: An Ex Vivo Study with Histologic Validation. American Journal of Neuroradiology, 2016, 37, 802-810.	1.2	34

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37	Imaging Intraplaque Inflammation in Carotid Atherosclerosis With ¹⁸ F-Fluorocholine Positron Emission Tomographyâ€“Computed Tomography. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	43
38	Quantification of Endothelial Î±vÎ²3 Expression with High-Frequency Ultrasound and Targeted Microbubbles: InÂVitroÂand InÂVivo Studies. Ultrasound in Medicine and Biology, 2016, 42, 2283-2293.	0.7	21
39	Atherosclerosis in the circle of Willis: Spatial differences in composition and in distribution of plaques. Atherosclerosis, 2016, 251, 78-84.	0.4	33
40	The effect of prolonged dietary nitrate supplementation on atherosclerosis development. Atherosclerosis, 2016, 245, 212-221.	0.4	21
41	Granulocytes in coronary thrombus evolution after myocardial infarction â€" time-dependent changes in expression of matrix metalloproteinases. Cardiovascular Pathology, 2016, 25, 40-46.	0.7	18
42	The pro-fibrotic and anti-inflammatory foam cell macrophage paradox. Genomics Data, 2015, 6, 136-138.	1.3	9
43	Neovascularization of the atherosclerotic plaque. Current Opinion in Lipidology, 2015, 26, 405-411.	1.2	28
44	Evaluation of Iron Oxide Nanoparticle Micelles for Magnetic Particle Imaging (MPI) of Thrombosis. PLoS ONE, 2015, 10, e0119257.	1.1	29
45	Quantification of bound microbubbles in ultrasound molecular imaging. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2015, 62, 1190-1200.	1.7	8
46	Between Rho(k) and a Hard Place. Circulation Research, 2015, 116, 895-908.	2.0	148
47	Use of Antiplatelet Agents Is Associated With Intraplaque Hemorrhage on Carotid Magnetic Resonance Imaging. Stroke, 2015, 46, 3411-3415.	1.0	26
48	Angiopoietin-2 blocking antibodies reduce early atherosclerotic plaque development in mice. Atherosclerosis, 2015, 241, 297-304.	0.4	48
49	InÂVivo Imaging of Hypoxia in AtherosclerоticÂPlaques in Humans. JACC: Cardiovascular Imaging, 2015, 8, 1340-1341.	2.3	31
50	Foam Cell Formation In Vivo Converts Macrophages to a Pro-Fibrotic Phenotype. PLoS ONE, 2015, 10, e0128163.	1.1	65
51	Molecular MR Imaging of Atherosclerosis. , 2015, , 269-296.		2
52	Reversal of Hypoxia in Murine Atherosclerosis Prevents Necrotic Core Expansion by Enhancing Efferocytosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2545-2553.	1.1	56
53	Cause and Mechanisms of Intracranial Atherosclerosis. Circulation, 2014, 130, 1407-1414.	1.6	169
54	Intraplaque Hemorrhage, Fibrous Cap Status, and Microembolic Signals in Symptomatic Patients With Mild to Moderate Carotid Artery Stenosis. Stroke, 2014, 45, 3423-3426.	1.0	24

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55	Targeting macrophage Histone deacetylase 3 stabilizes atherosclerotic lesions. EMBO Molecular Medicine, 2014, 6, 1124-1132.	3.3	140
56	Assessment of middle cerebral artery diameter during hypocapnia and hypercapnia in humans using ultra-high-field MRI. Journal of Applied Physiology, 2014, 117, 1084-1089.	1.2	246
57	Higher levels of advanced glycation endproducts in human carotid atherosclerotic plaques are associated with a rupture-prone phenotype. European Heart Journal, 2014, 35, 1137-1146.	1.0	138
58	The Heart-Brain Connection: A Multidisciplinary Approach Targeting a Missing Link in the Pathophysiology of Vascular Cognitive Impairment. Journal of Alzheimer's Disease, 2014, 42, S443-S451.	1.2	45
59	F-Actinâ€"Anchored Focal Adhesions Distinguish Endothelial Phenotypes of Human Arteries and Veins. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2059-2067.	1.1	49
60	Biomechanical factors in atherosclerosis: mechanisms and clinical implications. European Heart Journal, 2014, 35, 3013-3020.	1.0	359
61	Heat-Transfer Resistance Measurement Method (HTM)-Based Cell Detection at Trace Levels Using a Progressive Enrichment Approach with Highly Selective Cell-Binding Surface Imprints. Langmuir, 2014, 30, 3631-3639.	1.6	26
62	Selective Identification of Macrophages and Cancer Cells Based on Thermal Transport through Surface-Imprinted Polymer Layers. ACS Applied Materials & Interfaces, 2013, 5, 7258-7267.	4.0	69
63	Circulating cells as predictors of secondary manifestations of cardiovascular disease: design of the CIRCULATING CELLS study. Clinical Research in Cardiology, 2013, 102, 847-856.	1.5	23
64	Evaluation of ¹¹¹In-Labeled EPep and FibPep as Tracers for Fibrin SPECT Imaging. Molecular Pharmaceutics, 2013, 10, 4309-4321.	2.3	26
65	Mouse Models to Study the Effect of Cardiovascular Risk Factors on Brain Structure and Cognition. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1666-1684.	2.4	78
66	Biomechanical factors as triggers of vascular growth. Cardiovascular Research, 2013, 99, 276-283.	1.8	96
67	Abrogated transforming growth factor beta receptor II (TGFÎ²RII) signalling in dendritic cells promotes immune reactivity of T cells resulting in enhanced atherosclerosis. European Heart Journal, 2013, 34, 3717-3727.	1.0	62
68	Neutrophils, neutrophil extracellular traps and interleukin-17 associate with the organisation of thrombi in acute myocardial infarction. Thrombosis and Haemostasis, 2013, 109, 290-297.	1.8	205
69	Plaque-Associated Vasa Vasorum in Aged Apolipoprotein Eâ€"Deficient Mice Exhibit Proatherogenic Functional Features In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 249-256.	1.1	61
70	SPECT imaging of fibrin using fibrinâ€binding peptides. Contrast Media and Molecular Imaging, 2013, 8, 229-237.	0.4	21
71	Dendritic Cells in Cardiovascular Diseases. Circulation, 2013, 128, 2603-2613.	1.6	19
72	Dynamic Contrast-enhanced MR Imaging of Carotid Atherosclerotic Plaque: Model Selection, Reproducibility, and Validation. Radiology, 2013, 266, 271-279.	3.6	79

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73	Hypoxia in atherosclerosis and inflammation. Current Opinion in Lipidology, 2013, 24, 393-400.	1.2	114
74	Stabilization of atherosclerotic plaques: an update. European Heart Journal, 2013, 34, 3251-3258.	1.0	101
75	Quantification of targeted microbubbles in contrast enhanced ultrasound. , 2013, , .		0
76	Genetic and Pharmacological Modifications of Thrombin Formation in Apolipoprotein E-deficient Mice Determine Atherosclerosis Severity and Atherothrombosis Onset in a Neutrophil-Dependent Manner. PLoS ONE, 2013, 8, e55784.	1.1	111
77	Irradiation induces different inflammatory and thrombotic responses in carotid arteries of wildtype C57BL/6J and atherosclerosis-prone ApoEâ˜'/â˜' mice. Radiotherapy and Oncology, 2012, 105, 365-370.	0.3	45
78	Reduced metal ion concentrations in atherosclerotic plaques from subjects with Type 2 diabetes mellitus. Atherosclerosis, 2012, 222, 512-518.	0.4	11
79	Distribution of macrophage polarization markers in human atherosclerosis. Atherosclerosis, 2012, 225, 461-468.	0.4	490
80	Thrombin Inhibition Prevents Against Severe Atherosclerosis Progression in Prothrombotic Mice. Blood, 2012, 120, 103-103.	0.6	0
81	Plasmacytoid Dendritic Cells Protect Against Atherosclerosis by Tuning T-Cell Proliferation and Activity. Circulation Research, 2011, 109, 1387-1395.	2.0	115
82	Caveolinâ€1 deficiency decreases atherosclerosis by hampering leukocyte influx into the arterial wall and generating a regulatory Tâ€cell response. FASEB Journal, 2011, 25, 3838-3848.	0.2	40
83	Anti-inflammatory and anti-thrombotic intervention strategies using atorvastatin, clopidogrel and knock-down of CD40L do not modify radiation-induced atherosclerosis in ApoE null mice. Radiotherapy and Oncology, 2011, 101, 100-108.	0.3	32
84	Stabilisation of atherosclerotic plaques. Thrombosis and Haemostasis, 2011, 106, 1-19.	1.8	139
85	Early Loss of Peritubular Capillaries after Kidney Transplantation. Journal of the American Society of Nephrology: JASN, 2011, 22, 1024-1029.	3.0	70
86	Gadofosveset-Enhanced Magnetic Resonance Imaging of Human Carotid Atherosclerotic Plaques. Investigative Radiology, 2010, 45, 275-281.	3.5	47
87	Platelet CD40L mediates thrombotic and inflammatory processes in atherosclerosis. Blood, 2010, 116, 4317-4327.	0.6	249
88	Molecular imaging of inflammation and intraplaque vasa vasorum: A step forward to identification of vulnerable plaques?. Journal of Nuclear Cardiology, 2010, 17, 897-912.	1.4	55
89	Low- but not high-dose FK506 treatment confers atheroprotection due to alternative macrophage activation and unaffected cholesterol levels. Thrombosis and Haemostasis, 2010, 104, 143-150.	1.8	19
90	Early Atherosclerosis Exhibits an Enhanced Procoagulant State. Circulation, 2010, 122, 821-830.	1.6	183

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91	Equivalence testing in microarray analysis: similarities in the transcriptome of human atherosclerotic and nonatherosclerotic macrophages. Physiological Genomics, 2010, 41, 212-223.	1.0	16
92	Myeloid Type I Interferon Signaling Promotes Atherosclerosis by Stimulating Macrophage Recruitment to Lesions. Cell Metabolism, 2010, 12, 142-153.	7.2	212
93	Cathepsin K gene disruption does not affect murine aneurysm formation. Atherosclerosis, 2010, 209, 96-103.	0.4	23
94	The vulnerable patient: Refocusing on the plaque?. Thrombosis and Haemostasis, 2009, 102, 231-239.	1.8	11
95	The multi-functionality of CD40L and its receptor CD40 in atherosclerosis. Thrombosis and Haemostasis, 2009, 102, 206-214.	1.8	117
96	Mouse strain determines the outcome of wound healing after myocardial infarction. Cardiovascular Research, 2009, 84, 273-282.	1.8	137
97	Fn14-Fc Fusion Protein Regulates Atherosclerosis in ApoE ^{â^'/â^'} Mice and Inhibits Macrophage Lipid Uptake In Vitro. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 2021-2027.	1.1	49
98	Increased matrix metalloproteinase-8 and -9 activity in patients with infarct rupture after myocardial infarction. Cardiovascular Pathology, 2009, 18, 37-43.	0.7	93
99	Thin-Walled Microvessels in Human Coronary Atherosclerotic Plaques Show Incomplete Endothelial Junctions. Journal of the American College of Cardiology, 2009, 53, 1517-1527.	1.2	311
100	Molecular Imaging for Efficacy of Pharmacologic Intervention in Myocardial Remodeling. JACC: Cardiovascular Imaging, 2009, 2, 187-198.	2.3	59
101	Molecular MRI of Early Thrombus Formation Using a Bimodal Î±2-Antiplasminâ€“Based Contrast Agent. JACC: Cardiovascular Imaging, 2009, 2, 987-996.	2.3	60
102	Atherosclerosis: Contrast-enhanced MR Imaging of Vessel Wall in Rabbit Modelâ€”Comparison of Gadofosveset and Gadopentetate Dimeglumine. Radiology, 2009, 250, 682-691.	3.6	39
103	Comparison of lipidâ€rich necrotic core size in symptomatic and asymptomatic carotid atherosclerotic plaque: Initial results. Journal of Magnetic Resonance Imaging, 2008, 27, 1356-1361.	1.9	43
104	Comparison of singleâ€sequence T1w TFE MRI with multisequence MRI for the quantification of lipidâ€rich necrotic core in atherosclerotic plaque. Journal of Magnetic Resonance Imaging, 2008, 27, 1347-1355.	1.9	29
105	Single-Dose and Fractionated Irradiation Promote Initiation and Progression of Atherosclerosis and Induce an Inflammatory Plaque Phenotype in ApoEâ^'/â^' Mice. International Journal of Radiation Oncology Biology Physics, 2008, 71, 848-857.	0.4	127
106	Defective Intercellular Adhesion Complex in Myocardium Predisposes to Infarct Rupture in Humans. Journal of the American College of Cardiology, 2008, 51, 2184-2192.	1.2	28
107	Molecular Imaging of Interstitial Alterations in Remodeling Myocardium After Myocardial Infarction. Journal of the American College of Cardiology, 2008, 52, 2017-2028.	1.2	138
108	Accumulation of Zinc in Human Atherosclerotic Lesions Correlates With Calcium Levels But Does Not Protect Against Protein Oxidation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1024-1030.	1.1	35

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109	Circulating cells: the biofactory for markers of atherosclerotic disease. European Heart Journal, 2008, 29, 2701-2702.	1.0	10
110	Does atherosclerotic plaque histology predict the risk of restenosis after carotid endarterectomy?. Nature Clinical Practice Cardiovascular Medicine, 2008, 5, 436-437.	3.3	0
111	The CD40-TRAF6 axis is the key regulator of the CD40/CD40L system in neointima formation and arterial remodeling. Blood, 2008, 111, 4596-4604.	0.6	80
112	Gas6 promotes inflammation by enhancing interactions between endothelial cells, platelets, and leukocytes. Blood, 2008, 111, 4096-4105.	0.6	137
113	Control of atherosclerotic plaque vulnerability: Insights from transgenic mice. Frontiers in Bioscience - Landmark, 2008, Volume, 6289.	3.0	16
114	Noninvasive diagnosis of ruptured peripheral atherosclerotic lesions and myocardial infarction by antibody profiling. Journal of Clinical Investigation, 2008, 118, 2979-85.	3.9	19
115	Cathepsin cysteine proteases in cardiovascular disease. FASEB Journal, 2007, 21, 3029-3041.	0.2	292
116	Editorial [Hot Topic:Stabilizing the Vulnerable Plaque: The Search for the Magic Bullet (Executive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	0.9	1
117	IAP Survivin Regulates Atherosclerotic Macrophage Survival. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 901-907.	1.1	34
118	Angiotensin-Converting Enzyme and Vascular Remodeling. Circulation Research, 2007, 101, 441-454.	2.0	187
119	Prolonged shear stress and KLF2 suppress constitutive proinflammatory transcription through inhibition of ATF2. Blood, 2007, 109, 4249-4257.	0.6	131
120	Cardiovascular risks in spondyloarthritides. Current Opinion in Rheumatology, 2007, 19, 358-362.	2.0	78
121	Distinctive Expression of Chemokines and Transforming Growth Factor-Î² Signaling in Human Arterial Endothelium during Atherosclerosis. American Journal of Pathology, 2007, 171, 326-337.	1.9	60
122	Drug-induced immunomodulation to affect the development and progression of atherosclerosis: a new opportunity?. Expert Review of Cardiovascular Therapy, 2007, 5, 345-364.	0.6	11
123	CD40 and Its Ligand in Atherosclerosis. Trends in Cardiovascular Medicine, 2007, 17, 118-123.	2.3	104
124	Ionizing Radiation Accelerates the Development of Atherosclerotic Lesions in ApoEâ¯/â¯ Mice and Predisposes to an Inflammatory Plaque Phenotype Prone to Hemorrhage. American Journal of Pathology, 2006, 168, 649-658.	1.9	251
125	Development and validation of novel imaging technologies to assist translational studies in atherosclerosis. Drug Discovery Today: Technologies, 2006, 3, 195-204.	4.0	2
126	Effects of endothelin ETAreceptor blocker LU 135252 on cardiac remodeling and survival in a hypertensive rat model of chronic heart failure. Acta Pharmacologica Sinica, 2006, 27, 1417-1422.	2.8	8

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127	Drug-eluting stents studies in mice: Do we need atherosclerosis to study restenosis?. Vascular Pharmacology, 2006, 44, 257-264.	1.0	10
128	Atherosclerotic Lesion Size and Vulnerability Are Determined by Patterns of Fluid Shear Stress. Circulation, 2006, 113, 2744-2753.	1.6	911
129	Low-Dose FK506 Blocks Collar-Induced Atherosclerotic Plaque Development and Stabilizes Plaques in ApoE-/- Mice. American Journal of Transplantation, 2005, 5, 1204-1215.	2.6	24
130	Proteomic analysis of differential protein expression in human atherosclerotic plaque progression. Journal of Pathology, 2005, 206, 39-45.	2.1	51
131	Genetic Deletion or Antibody Blockade of Î±1Î²1 Integrin Induces a Stable Plaque Phenotype in ApoEâ˜'/â˜' Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1917-1924.	1.1	30
132	Assessment of Human Atherosclerotic Carotid Plaque Components with Multisequence MR Imaging: Initial Experience. Radiology, 2005, 234, 487-492.	3.6	142
133	Polycyclic aromatic hydrocarbons induce an inflammatory atherosclerotic plaque phenotype irrespective of their DNA binding properties. FASEB Journal, 2005, 19, 1290-1292.	0.2	89
134	Gene Profiling in Atherosclerosis Reveals a Key Role for Small Inducible Cytokines. Circulation, 2005, 111, 3443-3452.	1.6	100
135	Thrombospondin-2 Is Essential for Myocardial Matrix Integrity. Circulation Research, 2004, 95, 515-522.	2.0	179
136	Two-Photon Microscopy for Imaging of the (Atherosclerotic) Vascular Wall: A Proof of Concept Study. Journal of Vascular Research, 2004, 41, 54-63.	0.6	111
137	Impact of Interleukin-6 on Plaque Development and Morphology in Experimental Atherosclerosis. Circulation, 2004, 110, 3493-3500.	1.6	285
138	Noninvasive Detection of Plaque Instability with Use of Radiolabeled Annexin A5 in Patients with Carotid-Artery Atherosclerosis. New England Journal of Medicine, 2004, 350, 1472-1473.	13.9	263
139	Fibroblast growth factor-1 improves cardiac functional recovery and enhances cell survival after ischemia and reperfusion. Journal of the American College of Cardiology, 2004, 44, 1113-1123.	1.2	51
140	In vivo detection of hemorrhage in human atherosclerotic plaques with magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 2004, 20, 105-110.	1.9	108
141	Models of atherosclerosis and transplant arteriosclerosis: the quest for the best. Drug Discovery Today: Disease Models, 2004, 1, 257-263.	1.2	4
142	HMG-coA reductase inhibitors: lipid-lowering and beyond. Drug Discovery Today: Therapeutic Strategies, 2004, 1, 189-194.	0.5	4
143	Chronic Exposure to the Carcinogenic Compound Benzo[a]Pyrene Induces Larger and Phenotypically Different Atherosclerotic Plaques in ApoE-Knockout Mice. American Journal of Pathology, 2004, 164, 101-108.	1.9	67
144	Adjuvant Cytokeratin Staining in Mohs Micrographic Surgery for Basal Cell Carcinoma. Dermatologic Surgery, 2003, 29, 375-377.	0.4	24

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145	Inflammation and restenosis: implications for therapy. Annals of Medicine, 2003, 35, 523-531.	1.5	41
146	Atherosclerotic Plaque Rupture. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 2123-2130.	1.1	146
147	Serine Protease Inhibitor Serp-1 Strongly Impairs Atherosclerotic Lesion Formation and Induces a Stable Plaque Phenotype in ApoEâ^'/â^'Mice. Circulation Research, 2003, 93, 464-471.	2.0	59
148	Deficiency of TIMP-1 exacerbates LV remodeling after myocardial infarction in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 284, H364-H371.	1.5	171
149	Vasculin, a novel vascular protein differentially expressed in human atherogenesis. Blood, 2003, 102, 2803-2810.	0.6	13
150	Transforming Growth Factor-Î² Mediates Balance Between Inflammation and Fibrosis During Plaque Progression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 975-982.	1.1	300
151	CD40-CD40L Interactions in Atherosclerosis. Trends in Cardiovascular Medicine, 2002, 12, 27-32.	2.3	154
152	Matrix Metalloproteinase Inhibition After Myocardial Infarction. Circulation Research, 2001, 89, 201-210.	2.0	560
153	Differential Expression of Bone Matrix Regulatory Proteins in Human Atherosclerotic Plaques. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1998-2003.	1.1	630
154	Compensatory Enlargement and Stenosis Develop in ApoE ^{â^'/â^'} and ApoE*3-Leiden Transgenic Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1359-1365.	1.1	24
155	Identification of Genes Potentially Involved in Rupture of Human Atherosclerotic Plaques. Circulation Research, 2001, 89, 547-554.	2.0	134
156	Transforming Growth Factor-Î². Circulation Research, 2001, 89, 853-855.	2.0	23
157	Evaluation of the membrane attack complex of complement for the detection of a recent myocardial infarction in man. , 2000, 191, 48-53.		17
158	Disruption of the Plasminogen Gene in Mice Abolishes Wound Healing after Myocardial Infarction. American Journal of Pathology, 2000, 156, 1865-1873.	1.9	134
159	Cardiomyocyte Death Induced by Myocardial Ischemia and Reperfusion. Circulation, 2000, 102, 1564-1568.	1.6	157
160	Cardioprotective effects of the Na+/H+-exchange inhibitor cariporide in infarct-induced heart failure. Cardiovascular Research, 2000, 46, 102-110.	1.8	38
161	Atherosclerosis in APOE*3-Leiden Transgenic Mice. Circulation, 1999, 99, 276-283.	1.6	95
162	Requirement for CD154 in the progression of atherosclerosis. Nature Medicine, 1999, 5, 1313-1316.	15.2	404

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163	The infarcted myocardium Simply dead tissue, or a lively target for therapeutic interventions. Cardiovascular Research, 1999, 44, 232-241.	1.8	238
164	Should we aim at tissue renin-angiotensin systems?. International Journal of Clinical Pharmacy, 1998, 20, 93-99.	1.4	7
165	Effects of Angiotensin II on Cardiac Function and Peripheral Vascular Structure During Compensated Heart Failure in the Rat. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 1985-1994.	1.1	10
166	A homologue of Drosophila tissue polarity gene frizzled is expressed in migrating myofibroblasts in the infarcted rat heart. Nature Medicine, 1997, 3, 541-544.	15.2	102
167	TENASCIN AND FIBRONECTIN EXPRESSION IN HEALING HUMAN MYOCARDIAL SCARS. , 1996, 179, 321-325.		131
168	Doxazosin blocks the angiotensin II-induced smooth muscle cell DNA synthesis in the media, but not in the neointima of the rat carotid artery after balloon injury. Cardiovascular Research, 1996, 31, 324-330.	1.8	5
169	TENASCIN AND FIBRONECTIN EXPRESSION IN HEALING HUMAN MYOCARDIAL SCARS. , 1996, 179, 321.		2
170	Transmural changes in mast cell density in rat heart after infarct inductionin vivo. Journal of Pathology, 1995, 177, 423-429.	2.1	84
171	Regional Heterogeneity of Arterial Structural Changes. Hypertension, 1995, 25, 464-473.	1.3	38
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