

Form to function: current and future roles for atherosclerosis development

Nature Reviews Drug Discovery

7, 517-529

DOI: [10.1038/nrd2588](https://doi.org/10.1038/nrd2588)

Citation Report

#	ARTICLE	IF	CITATIONS
1	“Feeling the RAGE” in the Atherosclerotic Vessel Wall. <i>Circulation: Cardiovascular Imaging</i> , 2008, 1, 178-179.	1.3	1
2	Morphology: Bodies, Genes, Journals. <i>Croatian Medical Journal</i> , 2009, 50, 1-3.	0.2	3
3	First head-to-head comparison of effective radiation dose from low-dose 64-slice CT with prospective ECG-triggering versus invasive coronary angiography. <i>Heart</i> , 2009, 95, 1656-1661.	1.2	89
4	Identifying needs and opportunities for advancing translational research in cardiovascular disease. <i>Cardiovascular Research</i> , 2009, 83, 425-435.	1.8	28
5	Relationships Among Regional Arterial Inflammation, Calcification, Risk Factors, and Biomarkers. <i>Circulation: Cardiovascular Imaging</i> , 2009, 2, 107-115.	1.3	227
6	Inflammation Imaging in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1009-1016.	1.1	117
7	Lipid raft redox signaling platforms in vascular dysfunction: Features and mechanisms. <i>Current Atherosclerosis Reports</i> , 2009, 11, 220-226.	2.0	17
8	INTRODUCTION. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 84-87.	0.9	1
9	What is the future for drug development in atherosclerosis and dyslipidaemia?. <i>Expert Opinion on Drug Discovery</i> , 2009, 4, 1-3.	2.5	6
10	Effects of High-Dose Modified-Release Nicotinic Acid on Atherosclerosis and Vascular Function. <i>Journal of the American College of Cardiology</i> , 2009, 54, 1787-1794.	1.2	237
11	Pathophysiology of coronary artery disease: the case for multiparametric imaging. <i>Expert Review of Cardiovascular Therapy</i> , 2009, 7, 299-310.	0.6	1
12	Molecular Imaging in Atherosclerosis, Thrombosis, and Vascular Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 983-991.	1.1	92
13	Phospholipase A2 inhibitors in the treatment of atherosclerosis: a new approach moves forward in the clinic. <i>Expert Opinion on Investigational Drugs</i> , 2009, 18, 1425-1430.	1.9	16
14	Serial Intravascular Ultrasound Assessment of Atherosclerosis Progression and Regression State-of-the-Art and Limitations. <i>Circulation Journal</i> , 2009, 73, 1557-1560.	0.7	22
15	The ATHEROMA Study: Rapid Anti-inflammatory Effects of High-Dose Statin Pharmacotherapy Illuminated by Molecular MRI. <i>Current Cardiovascular Imaging Reports</i> , 2010, 3, 1-3.	0.4	0
16	The pathogenesis of atherosclerosis. <i>Medicine</i> , 2010, 38, 397-402.	0.2	26
18	2010 ACCF/AHA Guideline for Assessment of Cardiovascular Risk in Asymptomatic Adults. <i>Circulation</i> , 2010, 122, e584-636.	1.6	1,009
19	Biomarkers of Vulnerable Atheromatous Plaques. <i>Advances in Clinical Chemistry</i> , 2010, 50, 1-22.	1.8	16

#	ARTICLE	IF	CITATIONS
20	Multimodal Clinical Imaging To Longitudinally Assess a Nanomedical Anti-Inflammatory Treatment in Experimental Atherosclerosis. <i>Molecular Pharmaceutics</i> , 2010, 7, 2020-2029.	2.3	144
21	2010 ACCF/AHA Guideline for Assessment of Cardiovascular Risk in Asymptomatic Adults. <i>Journal of the American College of Cardiology</i> , 2010, 56, e50-e103.	1.2	1,150
22	An approach to molecular imaging of atherosclerosis, thrombosis, and vascular inflammation using microparticles of iron oxide. <i>Atherosclerosis</i> , 2010, 209, 18-27.	0.4	98
23	Ischemic heart disease: Comprehensive evaluation by cardiovascular magnetic resonance. <i>American Heart Journal</i> , 2011, 162, 16-30.	1.2	43
24	Perspectives and opportunities for nanomedicine in the management of atherosclerosis. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 835-852.	21.5	341
25	Adiponectin-coated nanoparticles for enhanced imaging of atherosclerotic plaques. <i>International Journal of Nanomedicine</i> , 2011, 6, 1279.	3.3	20
26	Molecular targeting of atherosclerotic plaques by a stabilin-2-specific peptide ligand. <i>Journal of Controlled Release</i> , 2011, 155, 211-217.	4.8	65
27	Multimodal cardiovascular magnetic resonance quantifies regional variation in vascular structure and function in patients with coronary artery disease: Relationships with coronary disease severity. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, 61.	1.6	10
28	A fluorescence lifetime spectroscopy study of matrix metalloproteinasesâ€”2 and â€”9 in human atherosclerotic plaque. <i>Journal of Biophotonics</i> , 2011, 4, 650-658.	1.1	10
29	Macrophage Detection in Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 723-724.	1.1	0
30	Serial intravascular ultrasound assessment of changes in coronary atherosclerotic plaque dimensions and composition: an update. <i>European Journal of Echocardiography</i> , 2011, 12, 313-321.	2.3	33
31	Cardiovascular MRI in clinical trials: expanded applications through novel surrogate endpoints. <i>Heart</i> , 2011, 97, 1286-1292.	1.2	24
32	Absolute Quantification of Myocardial Perfusion. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 607-609.	1.3	0
33	Atherosclerosis Drug Development in Jeopardy: The Need for Predictive Biomarkers of Treatment Response. <i>Science Translational Medicine</i> , 2011, 3, 72cm6.	5.8	13
34	Quantitative Longitudinal Imaging of Vascular Inflammation and Treatment by Ezetimibe in apoE Mice by FMT Using New Optical Imaging Biomarkers of Cathepsin Activity and \int_{\pm}^{ν}	1.3	27
35	Novel anti-inflammatory strategies in atherosclerosis. <i>Current Opinion in Lipidology</i> , 2012, 23, 532-539.	1.2	39
36	Integrin-Mediated Drug Delivery in Cancer and Cardiovascular Diseases with Peptide-Functionalized Nanoparticles. <i>Current Medicinal Chemistry</i> , 2012, 19, 3128-3151.	1.2	34
37	Imaging the Efficacy of Anti-Inflammatory Liposomes in a Rabbit Model of Atherosclerosis by Non-Invasive Imaging. <i>Methods in Enzymology</i> , 2012, 508, 211-228.	0.4	26

#	ARTICLE	IF	CITATIONS
38	Site-specific targeting of antibody activity in vivo mediated by disease-associated proteases. <i>Journal of Controlled Release</i> , 2012, 161, 804-812.	4.8	54
39	Cardiac PET-CT and CT Angiography. <i>Current Cardiovascular Imaging Reports</i> , 2013, 6, 191-196.	0.4	0
40	GPR109A and Vascular Inflammation. <i>Current Atherosclerosis Reports</i> , 2013, 15, 325.	2.0	55
41	In-vivo quantitative T2 mapping of carotid arteries in atherosclerotic patients: segmentation and T2 measurement of plaque components. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 69.	1.6	55
42	VCAM α targeting gold nanoshell probe for photoacoustic imaging of atherosclerotic plaque in mice. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 27-39.	0.4	64
43	Technologies: preclinical imaging for drug development. <i>Drug Discovery Today: Technologies</i> , 2013, 10, e343-e350.	4.0	24
44	Nanocrystal Core Lipoprotein Biomimetics for Imaging of Lipoproteins and Associated Diseases. <i>Current Cardiovascular Imaging Reports</i> , 2013, 6, 45-54.	0.4	6
45	MR Imaging of the Arterial Vessel Wall: Molecular Imaging from Bench to Bedside. <i>Radiology</i> , 2013, 269, 34-51.	3.6	42
46	Endogenous Ceramide Contributes to the Transcytosis of oxLDL across Endothelial Cells and Promotes Its Subendothelial Retention in Vascular Wall. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-11.	1.9	44
47	Interleukin 10-coated nanoparticle systems compared for molecular imaging of atherosclerotic lesions. <i>International Journal of Nanomedicine</i> , 2014, 9, 4211.	3.3	11
48	Anti-inflammatory mediators for molecular imaging of atherosclerosis. <i>European Journal of Nanomedicine</i> , 2014, 6, .	0.6	0
49	Imaging Atherosclerotic Plaque Inflammation via Folate Receptor Targeting Using a Novel ¹⁸ F-Folate Radiotracer. <i>Molecular Imaging</i> , 2014, 13, 7290.2013.00074.	0.7	35
50	Hyaluronic acid nanoparticles for active targeting atherosclerosis. <i>Biomaterials</i> , 2015, 53, 341-348.	5.7	116
51	Arterial Effects of Canakinumab in Patients With Atherosclerosis and Type 2 Diabetes or Glucose Intolerance. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1769-1780.	1.2	75
52	Imaging Atherosclerosis. <i>Circulation Research</i> , 2016, 118, 750-769.	2.0	215
53	Strong correlation between early stage atherosclerosis and electromechanical coupling of aorta. <i>Nanoscale</i> , 2016, 8, 6975-6980.	2.8	7
54	Imaging the Coronary Artery Plaque: Approaches, Advances, and Challenges. <i>Current Cardiovascular Imaging Reports</i> , 2017, 10, 1.	0.4	2
55	Nanoparticles targeting extra domain B of fibronectin-specific to the atherosclerotic lesion types III, IV, and V-enhance plaque detection and cargo delivery. <i>Theranostics</i> , 2018, 8, 6008-6024.	4.6	19

#	ARTICLE	IF	CITATIONS
56	Precise theranostic nanomedicines for inhibiting vulnerable atherosclerotic plaque progression through regulation of vascular smooth muscle cell phenotype switching. <i>Theranostics</i> , 2018, 8, 3693-3706.	4.6	44
57	Artificial High Density Lipoprotein Nanoparticles in Cardiovascular Research. <i>Molecules</i> , 2019, 24, 2829.	1.7	31
58	Clinical value of MRI T2-mapping quantitative assessment of carotid plaque. <i>Acta Radiologica</i> , 2020, 61, 1021-1025.	0.5	0
59	Intra-coronary Imaging for the Evaluation of Plaque Modifications Induced by Drug Therapies for Secondary Prevention. <i>Current Atherosclerosis Reports</i> , 2020, 22, 76.	2.0	4
60	Principles and Techniques of Biochemistry and Molecular Biology. , 2010, , .		70
61	Glucose Metabolic Trapping in Mouse Arteries: Nonradioactive Assay of Atherosclerotic Plaque Inflammation Applicable to Drug Discovery. <i>PLoS ONE</i> , 2012, 7, e50349.	1.1	8
62	Advanced Coronary Imaging. <i>Contemporary Cardiology</i> , 2014, , 23-40.	0.0	0
63	Noninvasive Imaging Biomarkers of Vulnerable Coronary Plaques – a Clinical Update. <i>Journal of Interdisciplinary Medicine</i> , 2019, 4, 136-140.	0.1	1
64	Radiolabelled probes for imaging of atherosclerotic plaques. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 2, 432-47.	1.0	18
65	Assessment of an elastin binding molecule for PET imaging of atherosclerotic plaques. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 3, 326-35.	1.0	3
66	Highly Bright AIE Nanoparticles by Regulating the Substituent of Rhodanine for Precise Early Detection of Atherosclerosis and Drug Screening. <i>Advanced Materials</i> , 2022, 34, e2106994.	11.1	40
67	Drug discovery and development. , 0, , 709-735.		0