

Concept of Vulnerable/Unstable Plaque

Arteriosclerosis, Thrombosis, and Vascular Biology
30, 1282-1292

DOI: [10.1161/atvbaha.108.179739](https://doi.org/10.1161/atvbaha.108.179739)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Terrein: a new melanogenesis inhibitor and its mechanism. Cellular and Molecular Life Sciences, 2004, 61, 2878-2885.	2.4	130
2	Lysosomes, cholesterol and atherosclerosis. Clinical Lipidology, 2010, 5, 853-865.	0.4	37
4	PLATELET-LEUKOCYTE INTERACTIONS : MULTIPLE LINKS BETWEEN INFLAMMATION , BLOOD COAGULATION AND VASCULAR RISK. Mediterranean Journal of Hematology and Infectious Diseases, 2010, 2, e2010023.	0.5	50
5	The protein cargo of HDL: Implications for vascular wall biology and therapeutics. Journal of Clinical Lipidology, 2010, 4, 371-375.	0.6	54
6	From histology to computed tomography: Every picture tells a story. Journal of Cardiovascular Computed Tomography, 2010, 4, 309-311.	0.7	0
7	Comparison of ADAMTS-1, -4 and -5 expression in culprit plaques between acute myocardial infarction and stable angina. Journal of Clinical Pathology, 2011, 64, 399-404.	1.0	16
9	Vascular Responses to Percutaneous Coronary Intervention With Bare-Metal Stents and Drug-Eluting Stents. Journal of the American College of Cardiology, 2011, 57, 1323-1326.	1.2	22
11	Contemporary Clinical Applications of Coronary Intravascular Ultrasound. JACC: Cardiovascular Interventions, 2011, 4, 1155-1167.	1.1	107
12	IGF-1 Has Plaque-Stabilizing Effects in Atherosclerosis by Altering Vascular Smooth Muscle Cell Phenotype. American Journal of Pathology, 2011, 178, 924-934.	1.9	70
13	PET/CT and vascular disease: Current concepts. European Journal of Radiology, 2011, 80, 60-67.	1.2	41
14	Timing of the vascular actions of estrogens in experimental and human studies: Why protective early, and not when delayed?. Maturitas, 2011, 68, 165-173.	1.0	63
15	Mapping elasticity moduli of atherosclerotic plaque in situ via atomic force microscopy. Journal of Structural Biology, 2011, 174, 115-123.	1.3	117
16	Intravascular imaging of vulnerable coronary plaque: current and future concepts. Nature Reviews Cardiology, 2011, 8, 131-139.	6.1	84
17	The Hemostatic System as a Modulator of Atherosclerosis. New England Journal of Medicine, 2011, 364, 1746-1760.	13.9	471
18	Biobanking in Atherosclerotic Disease, Opportunities and Pitfalls. Current Cardiology Reviews, 2011, 7, 9-14.	0.6	5
19	Estatinas nas sÃndromes coronarianas agudas. Arquivos Brasileiros De Cardiologia, 2011, 97, 350-356.	0.3	5
20	Molecular Imaging of High-Risk Atherosclerotic Plaques: Is It Clinically Translatable?. Korean Circulation Journal, 2011, 41, 497.	0.7	4
21	Inhibition of Lipoprotein-Associated Phospholipase A2 Ameliorates Inflammation and Decreases Atherosclerotic Plaque Formation in ApoE-Deficient Mice. PLoS ONE, 2011, 6, e23425.	1.1	40

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22	Making Prudent Recommendations for Return-to-Play in Adult Athletes With Cardiac Conditions. <i>Current Sports Medicine Reports</i> , 2011, 10, 65-77.	0.5	14
23	After the Triumph of Cardiovascular Medicine Over Acute Myocardial Infarction at the End of the 20th Century - Can We Predict the Onset of Acute Coronary Syndrome? (Con) -. <i>Circulation Journal</i> , 2011, 75, 2019-2026.	0.7	11
24	A shift in calcium. <i>Nature Medicine</i> , 2011, 17, 430-431.	15.2	28
25	Evaluation of Artery Visualizations for Heart Disease Diagnosis. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2011, 17, 2479-2488.	2.9	123
26	Drug development in the light of translational science: shine or shade?. <i>Drug Discovery Today</i> , 2011, 16, 1076-1083.	3.2	31
27	Thrombotic Risk Factors and Cardiovascular Events after Endovascular Intervention for Peripheral Arterial Disease. <i>European Journal of Vascular and Endovascular Surgery</i> , 2011, 42, 817-823.	0.8	12
28	Electrochemical impedance spectroscopy to characterize inflammatory atherosclerotic plaques. <i>Biosensors and Bioelectronics</i> , 2011, 30, 165-173.	5.3	23
29	The Discovery of LOX-1, its Ligands and Clinical Significance. <i>Cardiovascular Drugs and Therapy</i> , 2011, 25, 379-391.	1.3	126
30	Recurrent myocardial infarction associated with gefitinib therapy. <i>Journal of Thrombosis and Thrombolysis</i> , 2011, 32, 120-124.	1.0	28
31	Reduced myocardial 18F-FDG uptake after calcium channel blocker administration. Initial observation for a potential new method to improve plaque detection. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 2018-2024.	3.3	28
32	Intravascular Imaging Tools in the Cardiac Catheterization Laboratory: Comprehensive Assessment of Anatomy and Physiology. <i>Journal of Cardiovascular Translational Research</i> , 2011, 4, 393-403.	1.1	19
33	Mechanisms of Myocardial Infarction in Women Without Angiographically Obstructive Coronary Artery Disease. <i>Circulation</i> , 2011, 124, 1414-1425.	1.6	380
34	What Causes Myocardial Infarction in Women Without Obstructive Coronary Artery Disease?. <i>Circulation</i> , 2011, 124, 1404-1406.	1.6	12
35	A Gene Expression Signature That Classifies Human Atherosclerotic Plaque by Relative Inflammation Status. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, 595-604.	5.1	59
36	Interleukin-33 Induces Expression of Adhesion Molecules and Inflammatory Activation in Human Endothelial Cells and in Human Atherosclerotic Plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2080-2089.	1.1	137
37	First In Vivo Demonstration of Coronary Edema in Culprit Lesion of Patient With Acute Coronary Syndrome by Cardiovascular Magnetic Resonance. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 344-346.	1.3	17
38	Integrin-Targeted Imaging of Inflammation in Vascular Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2820-2826.	1.1	37
39	Reversal of Hyperlipidemia With a Genetic Switch Favorably Affects the Content and Inflammatory State of Macrophages in Atherosclerotic Plaques. <i>Circulation</i> , 2011, 123, 989-998.	1.6	206

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40	A theoretical comparison of x-ray angiographic image quality using energy-dependent and conventional subtraction methods. <i>Medical Physics</i> , 2011, 39, 132-142.	1.6	19
41	Angiographic Disease Progression and Residual Risk of Cardiovascular Events While on Optimal Medical Therapy. <i>Circulation: Cardiovascular Interventions</i> , 2011, 4, 545-552.	1.4	49
42	C-reactive protein-derived peptide 201â€“206 inhibits neutrophil adhesion to endothelial cells and platelets through CD32. <i>Journal of Leukocyte Biology</i> , 2011, 90, 1167-1175.	1.5	27
43	Evolution of Atherosclerotic Carotid Plaque Morphology: Do Ulcerated Plaques Heal? A Serial Multidetector CT Angiography Study. <i>Cerebrovascular Diseases</i> , 2011, 31, 263-270.	0.8	31
44	Is a Myocardial Infarction More Likely to Result From a Mild Coronary Lesion or an Ischemia-Producing One?. <i>Circulation: Cardiovascular Interventions</i> , 2011, 4, 539-541.	1.4	15
45	Selective Inhibition of Matrix Metalloproteinase-13 Increases Collagen Content of Established Mouse Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2464-2472.	1.1	111
46	Plasma Lipidomic Analysis of Stable and Unstable Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2723-2732.	1.1	265
47	Coronary Artery Wall Shear Stress Is Associated With Progression and Transformation of Atherosclerotic Plaque and Arterial Remodeling in Patients With Coronary Artery Disease. <i>Circulation</i> , 2011, 124, 779-788.	1.6	579
48	Intraplaque haemorrhages as the trigger of plaque vulnerability. <i>European Heart Journal</i> , 2011, 32, 1977-1985.	1.0	298
49	Salidroside Decreases Atherosclerotic Plaque Formation in Low-Density Lipoprotein Receptor-Deficient Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-5.	0.5	26
50	Plasma Biomarkers for Prediction of Sudden Cardiac Death. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 237-243.	2.1	32
51	Acute Coronary Events. <i>Circulation</i> , 2012, 125, 1147-1156.	1.6	244
52	Intravascular multispectral optoacoustic tomography of atherosclerosis: prospects and challenges. <i>Imaging in Medicine</i> , 2012, 4, 299-310.	0.0	19
53	Carotid Atherosclerotic Plaque Progression and Change in Plaque Composition Over Time: A 5-Year Follow-Up Study Using Serial CT Angiography. <i>American Journal of Neuroradiology</i> , 2012, 33, 1267-1273.	1.2	44
54	Intravascular Frequency-Domain Optical Coherence Tomography Assessment of Atherosclerosis and Stent-Vessel Interactions in Human Carotid Arteries. <i>American Journal of Neuroradiology</i> , 2012, 33, 1494-1501.	1.2	35
55	Composition and plaque patterns of coronary culprit lesions and clinical characteristics of patients with chronic kidney disease. <i>Kidney International</i> , 2012, 82, 344-351.	2.6	57
56	Circulating endothelial cells, plaque rupture and acute coronary syndromes. <i>Expert Review of Cardiovascular Therapy</i> , 2012, 10, 985-987.	0.6	1
57	Compound strain imaging for elastic modulus reconstruction of transverse vessel cross-sections. , 2012, , .		0

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58	Plasmacytoid Dendritic Cells Play a Key Role in Promoting Atherosclerosis in Apolipoprotein Eâ€œDeficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2569-2579.	1.1	101
60	Another Telescope for Examining Statins: the SATURN Trial. <i>Clinical Diabetes</i> , 2012, 30, 115-119.	1.2	0
61	Stress Testing and Non-Invasive Coronary Angiography in Patients with Suspected Coronary Artery Disease: Time for a New Paradigm. <i>Heart International</i> , 2012, 7, hi.2012.e2.	0.4	54
62	Carotid Plaque Hemodynamics. <i>Interventional Neurology</i> , 2012, 1, 44-54.	1.8	13
63	Novel CT-based imaging markers for high-risk coronary plaques. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 633-634.	0.5	4
64	Aliskiren inhibits atherosclerosis development and improves plaque stability in APOE*3Leiden.CETP transgenic mice with or without treatment with atorvastatin. <i>Journal of Hypertension</i> , 2012, 30, 107-116.	0.3	27
65	Evaluating Oxidative Stress in Human Cardiovascular Disease: Methodological Aspects and Considerations. <i>Current Medicinal Chemistry</i> , 2012, 19, 2504-2520.	1.2	189
66	Virtual Histology Findings and Effects of Varying Doses of Atorvastatin on Coronary Plaque Volume and Composition in Statin-Naive Patients. <i>Circulation Journal</i> , 2012, 76, 2662-2672.	0.7	24
67	Pro- and anti-angiogenic therapy and atherosclerosis with special emphasis on vascular endothelial growth factors. <i>Expert Opinion on Biological Therapy</i> , 2012, 12, 79-92.	1.4	28
68	Do we know enough about the immune pathogenesis of acute coronary syndromes to improve clinical practice?. <i>Thrombosis and Haemostasis</i> , 2012, 108, 443-456.	1.8	46
69	Effect of Heparin-Derived Oligosaccharide on Vascular Smooth Muscle Cell Proliferation and the Signal Transduction Mechanisms Involved. <i>Cardiovascular Drugs and Therapy</i> , 2012, 26, 479-488.	1.3	6
70	Biochemical characterization of atherosclerotic plaques by endogenous multispectral fluorescence lifetime imaging microscopy. <i>Atherosclerosis</i> , 2012, 220, 394-401.	0.4	49
71	Lack of association between connexin40 polymorphisms and coronary artery disease. <i>Atherosclerosis</i> , 2012, 222, 148-153.	0.4	14
72	Coronary microvascular dysfunction is associated with higher frequency of thin-cap fibroatheroma. <i>Atherosclerosis</i> , 2012, 223, 384-388.	0.4	42
73	Comment on Â«Mechanism of myocardial infarction in women without angiographically obstructive coronary artery diseaseÂ». <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2012, 31, 117-118.	0.2	0
75	Diagnosis and management of patients with acute cardiac symptoms, troponin elevation and culprit-free angiograms. <i>Heart</i> , 2012, 98, 974-981.	1.2	37
76	Thin-cap fibroatheroma and microchannel findings in optical coherence tomography correlate with subsequent progression of coronary atheromatous plaques. <i>European Heart Journal</i> , 2012, 33, 78-85.	1.0	235
77	Prognostic value of high-sensitivity C-reactive protein in a population of post-acute coronary syndrome patients receiving optimal medical treatment. <i>European Journal of Preventive Cardiology</i> , 2012, 19, 1128-1137.	0.8	9

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78	Lessons from human coronary aspirate. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 890-896.	0.9	31
79	The coronary circulation in cardioprotection: more than just one confounder. <i>Cardiovascular Research</i> , 2012, 94, 237-245.	1.8	72
80	Relation Between Angiographic Lesion Severity, Vulnerable Plaque Morphology and Future Adverse Cardiac Events (from the Providing Regional Observations to Study Predictors of Events in the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 65	0.7	16
81	Accelerated In Vivo Thrombin Formation Independently Predicts the Presence and Severity of CT Angiographic Coronary Atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 1201-1210.	2.3	63
82	The apolipoprotein E polymorphism and cardiovascular diseasesâ€™an autopsy study. <i>Cardiovascular Pathology</i> , 2012, 21, 461-469.	0.7	16
83	Macrophage Subtypes in Symptomatic Carotid Artery and Femoral Artery Plaques. <i>European Journal of Vascular and Endovascular Surgery</i> , 2012, 44, 491-497.	0.8	77
84	Polymorphisms in dipeptidyl peptidase IV gene are associated with the risk of myocardial infarction in patients with atherosclerosis. <i>Neuropeptides</i> , 2012, 46, 367-371.	0.9	23
85	Imaging atherosclerosis with hybrid [18F]fluorodeoxyglucose positron emission tomography/computed tomography imaging: What Leonardo da Vinci could not see. <i>Journal of Nuclear Cardiology</i> , 2012, 19, 1211-1225.	1.4	55
87	â€œMy Parents Died of Myocardial Infarction: Is that My Destiny?â€• <i>Medical Clinics of North America</i> , 2012, 96, 67-86.	1.1	2
88	Increased Neointimal Thickening in Dystrophin-Deficient mdx Mice. <i>PLoS ONE</i> , 2012, 7, e29904.	1.1	10
89	Correlations between Coronary Plaque Tissue Composition Assessed by Virtual Histology and Blood Levels of Biomarkers for Coronary Artery Disease. <i>Yonsei Medical Journal</i> , 2012, 53, 508.	0.9	13
90	Toll-Like Receptor 7 Protects From Atherosclerosis by Constraining â€œInflammatoryâ€•Macrophage Activation. <i>Circulation</i> , 2012, 126, 952-962.	1.6	92
91	Are There Really Biomarkers of Vulnerable Plaque?. <i>Clinical Chemistry</i> , 2012, 58, 151-153.	1.5	7
92	Suboptimal dietary zinc intake promotes vascular inflammation and atherogenesis in a mouse model of atherosclerosis. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 1097-1105.	1.5	37
93	Assessing global cardiovascular molecular calcification with 18F-fluoride PET/CT: will this become a clinical reality and a challenge to CT calcification scoring?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 660-664.	3.3	24
94	Systems and synthetic biology of the vessel wall. <i>FEBS Letters</i> , 2012, 586, 2164-2170.	1.3	5
95	Asymptomatic Carotid Artery Stenosis: Identification of Subgroups with Different Underlying Plaque Characteristics. <i>European Journal of Vascular and Endovascular Surgery</i> , 2012, 43, 632-636.	0.8	28
96	Carotid atherosclerotic plaques: Proteomics study after a lowâ€œabundance protein enrichment step. <i>Electrophoresis</i> , 2012, 33, 470-482.	1.3	20

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97	Effects of soluble epoxide hydrolase inhibitor on the expression of fatty acid synthase in peripheral blood mononuclear cell in patients with acute coronary syndrome. <i>Lipids in Health and Disease</i> , 2013, 12, 3.	1.2	5
99	Applications of Electrochemistry in Medicine. <i>Modern Aspects of Electrochemistry</i> , 2013, , .	0.2	6
100	Focus on cardiac pericytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2013, 465, 779-787.	1.3	37
101	Coronary CT Angiographic Measures of Adverse Atherosclerotic Plaque Features. <i>Current Cardiovascular Risk Reports</i> , 2013, 7, 117-125.	0.8	3
102	Biological Imaging of Atherosclerosis: Moving Beyond Anatomy. <i>Journal of Cardiovascular Translational Research</i> , 2013, 6, 681-694.	1.1	6
103	Cardiac Pathology. , 2013, , .		2
104	Dynamic Nature of Nonculprit Coronary Artery Lesion Morphology in STEMI. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 86-95.	2.3	53
105	Visualizing Vulnerability. <i>Journal of the American College of Cardiology</i> , 2013, 61, 2306-2308.	1.2	5
106	Dysfunctional nitric oxide signalling increases risk of myocardial infarction. <i>Nature</i> , 2013, 504, 432-436.	13.7	230
107	Infections, immunity and atherosclerosis: Pathogenic mechanisms and unsolved questions. <i>International Journal of Cardiology</i> , 2013, 166, 572-583.	0.8	37
108	Inflammation and coagulation in atherosclerosis. <i>Hamostaseologie</i> , 2013, 33, 269-282.	0.9	36
109	Pathogenesis of Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1-11.	1.2	209
110	Connexins in atherosclerosis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 157-166.	1.4	80
111	Update on acute coronary syndromes: the pathologists' view. <i>European Heart Journal</i> , 2013, 34, 719-728.	1.0	849
112	Arterial calcification: Friend or foe?. <i>International Journal of Cardiology</i> , 2013, 167, 322-327.	0.8	57
113	Atherosclerotic plaque burden in cocaine users with acute chest pain: Analysis by coronary computed tomography angiography. <i>Atherosclerosis</i> , 2013, 229, 443-448.	0.4	19
114	Necesidad cl�nica de evaluaci3n de la isquemia. <i>Revista Espanola De Cardiologia</i> , 2013, 66, 161-162.	0.6	2
115	A novel automatic algorithm for the segmentation of the lumen of the carotid artery in ultrasound B-mode images. <i>Expert Systems With Applications</i> , 2013, 40, 6570-6579.	4.4	48

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116	An animal model of atherosclerotic plaque disruption and thrombosis in rabbit using pharmacological triggering to plaques induced by perivascular collar placement. <i>Cardiovascular Pathology</i> , 2013, 22, 264-269.	0.7	5
117	Clinical Need for Evaluation of Ischemia. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2013, 66, 161-162.	0.4	2
118	Histopathologic profiles of coronary atherosclerosis by myocardial bridge underlying myocardial infarction. <i>Atherosclerosis</i> , 2013, 226, 118-123.	0.4	45
119	Risk of myocardial infarction in patients with rhinosinusitis. <i>Atherosclerosis</i> , 2013, 226, 263-268.	0.4	22
120	Intracoronary Stents: Medical Devices at the Interface of Biology and Electrochemistry. <i>Modern Aspects of Electrochemistry</i> , 2013, , 55-82.	0.2	0
121	Arterial stiffening: Causes and consequences. <i>Artery Research</i> , 2013, 7, 22.	0.3	14
122	Biological mechanisms of microvessel formation in advanced atherosclerosis: The big Five. <i>Trends in Cardiovascular Medicine</i> , 2013, 23, 153-164.	2.3	16
124	Radioiodinated peptide probe for selective detection of oxidized low density lipoprotein in atherosclerotic plaques. <i>Nuclear Medicine and Biology</i> , 2013, 40, 97-103.	0.3	14
125	A Novel Mouse Model of Atherosclerotic Plaque Instability for Drug Testing and Mechanistic/Therapeutic Discoveries Using Gene and MicroRNA Expression Profiling. <i>Circulation Research</i> , 2013, 113, 252-265.	2.0	164
126	Acoustic radiation force beam sequence performance for detection and material characterization of atherosclerotic plaques: preclinical, ex vivo results. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2013, 60, 2471-2487.	1.7	18
128	A new murine model of stress-induced complex atherosclerotic lesions. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 323-31.	1.2	16
129	The lysosomal transfer of LDL/cholesterol from macrophages into vascular smooth muscle cells induces their phenotypic alteration. <i>Cardiovascular Research</i> , 2013, 97, 544-552.	1.8	30
130	Depth resolved detection of lipid using spectroscopic optical coherence tomography. <i>Biomedical Optics Express</i> , 2013, 4, 1269.	1.5	73
131	Noninvasive Vascular Displacement Estimation for Relative Elastic Modulus Reconstruction in Transversal Imaging Planes. <i>Sensors</i> , 2013, 13, 3341-3357.	2.1	18
132	Insulin resistance and atherosclerosis: convergence between metabolic pathways and inflammatory nodes. <i>Biochemical Journal</i> , 2013, 454, 1-11.	1.7	39
133	Adverse Impact of Diet-Induced Hypercholesterolemia on Cardiovascular Tissue Homeostasis in a Rabbit Model: Time-Dependent Changes in Cardiac Parameters. <i>International Journal of Molecular Sciences</i> , 2013, 14, 19086-19108.	1.8	13
134	Optical measurement of arterial mechanical properties: from atherosclerotic plaque initiation to rupture. <i>Journal of Biomedical Optics</i> , 2013, 18, 121507.	1.4	19
135	Impact of inflammation on adverse cardiovascular events in patients with acute coronary syndromes. <i>Journal of Cardiovascular Medicine</i> , 2013, 14, 807-814.	0.6	24

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136	Psychological Stress, Vascular Inflammation, and Atherogenesis. <i>Journal of Cardiovascular Pharmacology</i> , 2013, 62, 6-12.	0.8	47
137	Mouse models of plaque rupture. <i>Current Opinion in Lipidology</i> , 2013, 24, 419-425.	1.2	45
138	Arginase α Induces Vascular Smooth Muscle Cell Senescence and Apoptosis Through p66Shc and p53 Independently of Its α -Arginine Ureahydrolase Activity: Implications for Atherosclerotic Plaque Vulnerability. <i>Journal of the American Heart Association</i> , 2013, 2, e000096.	1.6	71
139	Ultrasound Common Carotid Artery Segmentation Based on Active Shape Model. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-11.	0.7	28
140	Acoustic radiation force impulse imaging on an IVUS circular array. , 2013, , .		2
141	Value of an Exercise Workload \approx 10 Metabolic Equivalents for Predicting Inducible Myocardial Ischemia. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 899-907.	1.3	15
142	Fitness, nutrition and the molecular basis of chronic disease. <i>Biotechnology and Genetic Engineering Reviews</i> , 2013, 29, 1-23.	2.4	3
143	<i>In Vivo</i> Fluorescence-mediated Tomography Imaging Demonstrates Atorvastatin-mediated Reduction of Lesion Macrophages in ApoE $^{-/-}$ Mice. <i>Anesthesiology</i> , 2013, 119, 129-141.	1.3	6
144	Timing hypothesis for postmenopausal hormone therapy. <i>Menopause</i> , 2013, 20, 342-353.	0.8	130
145	Evolution and rupture of vulnerable plaques: a review of mechanical effects. <i>ChronoPhysiology and Therapy</i> , 0, , 23.	0.5	1
146	Presence of depressive symptoms in patients with a first episode of acute Coronary Syndrome. <i>Revista Latino-Americana De Enfermagem</i> , 2013, 21, 325-331.	0.4	10
147	Cardioprotective Effects of Sour Cherry Seed Extract (SCSE) on the Hypercholesterolemic Rabbit Heart. <i>Current Pharmaceutical Design</i> , 2013, 19, 6896-6905.	0.9	30
148	Self-Gated CINE MRI for Combined Contrast-Enhanced Imaging and Wall-Stiffness Measurements of Murine Aortic Atherosclerotic Lesions. <i>PLoS ONE</i> , 2013, 8, e57299.	1.1	4
149	Signature of Circulating MicroRNAs as Potential Biomarkers in Vulnerable Coronary Artery Disease. <i>PLoS ONE</i> , 2013, 8, e80738.	1.1	169
150	Atherosclerosis, Vulnerable Plaques, and Acute Coronary Syndromes. , 2013, , 530-539.		2
151	Polymorphisms of the LTA Gene May Contribute to the Risk of Myocardial Infarction: A Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e92272.	1.1	7
152	Pathogenesis of coronary artery disease: focus on genetic risk factors and identification of genetic variants. <i>The Application of Clinical Genetics</i> , 2014, 7, 15.	1.4	98
153	Nanoparticle-Mediated Drug Delivery System for Cardiovascular Disease. <i>International Heart Journal</i> , 2014, 55, 281-286.	0.5	69

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154	Practical Challenges of Current Video Rate OCT Elastography: Accounting for Dynamic and Static Tissue Properties. <i>Journal of Lasers, Optics & Photonics</i> , 2014, 01, .	0.1	1
155	Current OCT Approaches Do Not Reliably Identify TCFAs. <i>Journal of Clinical & Experimental Cardiology</i> , 2014, 05, .	0.0	1
157	Targeting P-Selectin by Gallium-68 ⁶⁸ Ga-Labeled Fucoidan Positron Emission Tomography for Noninvasive Characterization of Vulnerable Plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1661-1667.	1.1	58
158	Quantification of Non-Calcified and Calcified Coronary Plaques Using 64-Slice MDCT in Patients with Acute Coronary Syndrome. <i>The Egyptian Journal of Hospital Medicine</i> , 2014, 57, 460-469.	0.0	0
159	Anti-Angiogenic Therapy and Cardiovascular Diseases: Current Strategies and Future Perspectives. , 2014, , 268-308.		0
160	Monocytes as Regulators of Inflammation and HIV-Related Comorbidities during cART. <i>Journal of Immunology Research</i> , 2014, 2014, 1-11.	0.9	83
161	Reproducibility of grayscale and radiofrequency IVUS data acquisition in stented coronary arteries. <i>Scandinavian Cardiovascular Journal</i> , 2014, 48, 284-290.	0.4	1
162	Interdisciplinary approach to multimodal image fusion for vulnerable plaque detection. , 2014, , .		1
163	Imaging of atherosclerotic plaques in obesity: excessive fat accumulation, plaque progression and vulnerability. <i>Expert Review of Cardiovascular Therapy</i> , 2014, 12, 1471-1489.	0.6	6
164	Comparison of fluorodeoxyglucose uptake in symptomatic carotid artery and stable femoral artery plaques. <i>British Journal of Surgery</i> , 2014, 101, 363-370.	0.1	8
165	Positron emission tomography of the vulnerable atherosclerotic plaque in man ⁶⁸ Ga a contemporary review. <i>Clinical Physiology and Functional Imaging</i> , 2014, 34, 413-425.	0.5	11
166	Folate Receptor- β Imaging Using ^{99m} Tc-Folate to Explore Distribution of Polarized Macrophage Populations in Human Atherosclerotic Plaque. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1945-1951.	2.8	57
167	Complement factor C5a induces atherosclerotic plaque disruptions. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 2020-2030.	1.6	36
168	Exploiting Oxidative Microenvironments in the Body as Triggers for Drug Delivery Systems. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 730-754.	2.5	113
169	Spatio-temporal texture (SpTeT) for distinguishing vulnerable from stable atherosclerotic plaque on dynamic contrast enhancement (DCE) MRI in a rabbit model. <i>Medical Physics</i> , 2014, 41, 042303.	1.6	14
170	Adhesion Molecule CD146 and its Soluble Form Correlate Well with Carotid Atherosclerosis and Plaque Instability. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 438-445.	1.9	29
171	Pathogenesis of Atherosclerosis: From Cell Biology to Therapeutics. <i>Colloquium Series on Integrated Systems Physiology From Molecule To Function</i> , 2014, 6, 1-125.	0.3	1
172	Rotational multispectral fluorescence lifetime imaging and intravascular ultrasound: bimodal system for intravascular applications. <i>Journal of Biomedical Optics</i> , 2014, 19, 066004.	1.4	27

#	ARTICLE	IF	CITATIONS
173	The role of lectin-like oxidised low-density lipoprotein receptor-1 in vascular pathology. <i>Diabetes and Vascular Disease Research</i> , 2014, 11, 410-418.	0.9	12
174	The Use of Coronary CT Angiography for the Evaluation of Chest Pain. <i>Cardiology in Review</i> , 2014, 22, 117-127.	0.6	4
175	Small entities with large impact. <i>Current Opinion in Lipidology</i> , 2014, 25, 327-332.	1.2	117
176	Triggers of acute myocardial infarction. <i>Journal of Cardiovascular Medicine</i> , 2014, 15, 1-7.	0.6	14
177	Suxiaojiuxin Pill Enhances Atherosclerotic Plaque Stability by Modulating the MMPs/TIMPs Balance in ApoE-deficient Mice. <i>Journal of Cardiovascular Pharmacology</i> , 2014, 64, 120-126.	0.8	10
178	Integrated intravascular ultrasound and optical-resolution photoacoustic microscopy with a 1-mm-diameter catheter. , 2014, , .		1
179	Stabilizing effect of combined eicosapentaenoic acid and statin therapy on coronary thin-cap fibroatheroma. <i>Atherosclerosis</i> , 2014, 234, 114-119.	0.4	108
180	Cap buckling as a potential mechanism of atherosclerotic plaque vulnerability. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 32, 210-224.	1.5	3
181	Combination of plaque burden, wall shear stress, and plaque phenotype has incremental value for prediction of coronary atherosclerotic plaque progression and vulnerability. <i>Atherosclerosis</i> , 2014, 232, 271-276.	0.4	105
182	¹⁸ F-FDG PET and intravascular ultrasonography (IVUS) images compared with histology of atherosclerotic plaques: ¹⁸ F-FDG accumulates in foamy macrophages. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 624-633.	3.3	13
183	Small molecule inhibitors in the treatment of cerebral ischemia. <i>Expert Opinion on Pharmacotherapy</i> , 2014, 15, 659-680.	0.9	3
184	Mechanical analysis of arterial plaques in native geometry with OCT wall motion analysis. <i>Journal of Biomechanics</i> , 2014, 47, 755-758.	0.9	4
185	Multimodality PET/MRI agents targeted to activated macrophages. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 247-258.	1.1	25
186	Lipid: Extracellular Matrix Interactions as Therapeutic Targets in the Atherosclerosis of Diabetes. <i>Contemporary Diabetes</i> , 2014, , 215-229.	0.0	0
187	Acoustic Radiation Force Impulse Imaging (ARFI) on an IVUS Circular Array. <i>Ultrasonic Imaging</i> , 2014, 36, 98-111.	1.4	17
188	Comprehensive plaque assessment by coronary CT angiography. <i>Nature Reviews Cardiology</i> , 2014, 11, 390-402.	6.1	301
189	Darapladib for Preventing Ischemic Events in Stable Coronary Heart Disease. <i>New England Journal of Medicine</i> , 2014, 370, 1702-1711.	13.9	467
190	Advances in mechanisms, imaging and management of the unstable plaque. <i>Atherosclerosis</i> , 2014, 233, 467-477.	0.4	41

#	ARTICLE	IF	CITATIONS
191	Fluid Mechanics, Arterial Disease, and Gene Expression. Annual Review of Fluid Mechanics, 2014, 46, 591-614.	10.8	134
192	Lipid crystals mechanically stimulate adjacent extracellular matrix in advanced atherosclerotic plaques. Atherosclerosis, 2014, 237, 769-776.	0.4	8
193	Recent Advances in Visualizing Vulnerable Plaque: Focus on Noninvasive Molecular Imaging. Current Cardiology Reports, 2014, 16, 520.	1.3	7
194	Will 18F-Sodium Fluoride PET-CT Imaging Be the Magic Bullet for Identifying Vulnerable Coronary Atherosclerotic Plaques?. Current Cardiology Reports, 2014, 16, 521.	1.3	42
195	Assessment of Red Blood Cell Membrane Fatty Acid Composition in Relation to Dietary Intake in Patients Undergoing Cardiac Catheterization. Journal of the Academy of Nutrition and Dietetics, 2014, 114, A63.	0.4	1
196	Competency in Menopause Management: Whither Goest the Internist?. Journal of Women's Health, 2014, 23, 281-285.	1.5	24
197	Innate immune receptor NOD2 promotes vascular inflammation and formation of lipid-rich necrotic cores in hypercholesterolemic mice. European Journal of Immunology, 2014, 44, 3081-3092.	1.6	36
198	Single-Chain Antibody Conjugated to a Cage Amine Chelator and Labeled with Positron-Emitting Copper-64 for Diagnostic Imaging of Activated Platelets. Molecular Pharmaceutics, 2014, 11, 2855-2863.	2.3	42
199	Active targeting of early and mid-stage atherosclerotic plaques using self-assembled peptide amphiphile micelles. Biomaterials, 2014, 35, 8678-8686.	5.7	61
200	Exploring unknowns in cardiology. Nature Reviews Cardiology, 2014, 11, 664-670.	6.1	12
201	Imaging Plaques to Predict and Better Manage Patients With Acute Coronary Events. Circulation Research, 2014, 114, 1904-1917.	2.0	48
202	Function of aspartic acid residues in optimum pH control of l-arabinose isomerase from Lactobacillus fermentum. Applied Microbiology and Biotechnology, 2014, 98, 3987-3996.	1.7	24
203	Mitochondrial bioenergetics and therapeutic intervention in cardiovascular disease. , 2014, 141, 13-20.		22
204	Progression of coronary atherosclerosis in stable patients with ultrasonic features of high-risk plaques. European Heart Journal Cardiovascular Imaging, 2014, 15, 1035-1041.	0.5	25
205	Intra-Coronary Imaging Modalities. Current Treatment Options in Cardiovascular Medicine, 2014, 16, 304.	0.4	12
206	Atherosclerotic plaque uptake of a novel integrin tracer 18F-Flotegatide in a mouse model of atherosclerosis. Journal of Nuclear Cardiology, 2014, 21, 553-562.	1.4	33
207	Biomarker Tests for Risk Assessment in Coronary Artery Disease: Will They Change Clinical Practice?. Molecular Diagnosis and Therapy, 2014, 18, 5-15.	1.6	3
208	Some thoughts on the continuing dilemma of angina pectoris. European Heart Journal, 2014, 35, 1361-1364.	1.0	8

#	ARTICLE	IF	CITATIONS
209	Posttranslational modifications of histone deacetylases: Implications for cardiovascular diseases. , 2014, 143, 168-180.		75
210	MicroRNA-21 is a unique signature associated with coronary plaque instability in humans by regulating matrix metalloproteinase-9 via reversion-inducing cysteine-rich protein with Kazal motifs. Experimental and Molecular Pathology, 2014, 96, 242-249.	0.9	56
211	Ultrafast vascular strain compounding using plane wave transmission. Journal of Biomechanics, 2014, 47, 815-823.	0.9	63
212	Lipid lowering and imaging protease activation in atherosclerosis. Journal of Nuclear Cardiology, 2014, 21, 319-328.	1.4	22
213	Time-Dependent Changes in Atherosclerotic Plaque Composition in Patients Undergoing Carotid Surgery. Circulation, 2014, 129, 2269-2276.	1.6	96
214	Assessment of elastin degradation as a surrogate measurement of atherosclerotic plaque stability. Clinical Neurology and Neurosurgery, 2014, 121, 76-77.	0.6	0
215	Postmortem imaging of sudden cardiac death. International Journal of Legal Medicine, 2014, 128, 127-137.	1.2	82
216	Fe(III) distribution varies substantially within and between atherosclerotic plaques. Magnetic Resonance in Medicine, 2014, 71, 885-892.	1.9	11
217	Soluble P-selectin promotes acute myocardial infarction onset but not severity. Molecular Medicine Reports, 2015, 11, 2027-2033.	1.1	14
218	Nanoparticle uptake by macrophages in vulnerable plaques for atherosclerosis diagnosis. Journal of Biophotonics, 2015, 8, 871-883.	1.1	45
219	Mechanical characterization of intraluminal tissue with phase-resolved photoacoustic viscoelasticity endoscopy. Biomedical Optics Express, 2015, 6, 4975.	1.5	10
220	Coronary Imaging Modalities for Forecasting the "Eruption of the Volcano". Circulation Journal, 2015, 79, 2112-2113.	0.7	4
221	Treating the Unstable Atherosclerotic Plaque by Targeting Activated Factor X " Anticoagulation and Beyond ". Circulation Journal, 2015, 79, 2329-2331.	0.7	5
222	Targeting blood thrombogenicity precipitates atherothrombotic events in a mouse model of plaque destabilization. Scientific Reports, 2015, 5, 10225.	1.6	14
223	High speed intravascular photoacoustic imaging with fast optical parametric oscillator laser at 1.7 μm. Applied Physics Letters, 2015, 107, 083701.	1.5	57
224	Development of Multispectral Angioscope at Wavelengths around 1200 nm for Enhanced Observation of Atherosclerotic Plaques. Nippon Laser Igakkaishi, 2015, 36, 216-221.	0.0	0
225	Effect of Statin Therapy on Fibrous Cap Thickness in Coronary Plaques Using Optical Coherence Tomography: A Systematic Review and Meta-Analysis. Journal of Interventional Cardiology, 2015, 28, 514-522.	0.5	21
226	Co-treatment of Pitavastatin and Dexamethasone Exacerbates the High-fat Diet-induced Atherosclerosis in apoE-deficient Mice. Journal of Cardiovascular Pharmacology, 2015, 66, 189-195.	0.8	10

#	ARTICLE	IF	CITATIONS
227	Natural history of coronary atherosclerosis. <i>Coronary Artery Disease</i> , 2015, 26, 463-465.	0.3	3
228	Coronary artery wall imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1190-1202.	1.9	9
229	Identification of Putative Drug Targets and Vaccine Candidates for Pathogens Causing Atherosclerosis. <i>Biochemistry and Analytical Biochemistry: Current Research</i> , 2015, 04, .	0.4	11
230	Expression of Vasohibin-1 in Human Carotid Atherosclerotic Plaque. <i>Journal of Atherosclerosis and Thrombosis</i> , 2015, 22, 942-948.	0.9	7
231	F-18 Fluoride Positron Emission Tomography-Computed Tomography for Detecting Atherosclerotic Plaques. <i>Korean Journal of Radiology</i> , 2015, 16, 1257.	1.5	3
232	Position paper FADOI sulla prevenzione cardiovascolare nei pazienti complessi a rischio. <i>Italian Journal of Medicine</i> , 2015, 3, 309.	0.2	1
233	An Update on Clinical Applications of Intravascular Ultrasound. <i>Journal of Cardiovascular Diseases & Diagnosis</i> , 2015, 03, .	0.0	1
234	Autophagy in Atherosclerosis. <i>Chinese Medical Journal</i> , 2015, 128, 69-74.	0.9	51
235	Markers of Inflammation Associated with Plaque Progression and Instability in Patients with Carotid Atherosclerosis. <i>Mediators of Inflammation</i> , 2015, 2015, 1-15.	1.4	135
236	Emerging treatment options to improve cardiovascular outcomes in patients with acute coronary syndrome: focus on losmapimod. <i>Drug Design, Development and Therapy</i> , 2015, 9, 4279.	2.0	7
237	Association of Small Dense LDL Serum Levels and Circulating Monocyte Subsets in Stable Coronary Artery Disease. <i>PLoS ONE</i> , 2015, 10, e0123367.	1.1	33
238	The Nature of Iron Deposits Differs between Symptomatic and Asymptomatic Carotid Atherosclerotic Plaques. <i>PLoS ONE</i> , 2015, 10, e0143138.	1.1	11
239	Rapid stabilisation of atherosclerotic plaque with 5-aminolevulinic acid-mediated sonodynamic therapy. <i>Thrombosis and Haemostasis</i> , 2015, 114, 793-803.	1.8	34
240	Endoplasmic reticulum stress and Nrf2 signaling in cardiovascular diseases. <i>Free Radical Biology and Medicine</i> , 2015, 88, 233-242.	1.3	149
241	New Applications of Cardiac Computed Tomography. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 710-723.	2.3	134
242	Low SOD activity is associated with overproduction of peroxynitrite and nitric oxide in patients with acute coronary syndrome. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 49, 40-46.	1.2	18
243	Curcuma oil attenuates accelerated atherosclerosis and macrophage foam-cell formation by modulating genes involved in plaque stability, lipid homeostasis and inflammation. <i>British Journal of Nutrition</i> , 2015, 113, 100-113.	1.2	30
244	Serum levels of novel adipokines, omentin-1 and chemerin, in patients with acute myocardial infarction. <i>Journal of Cardiovascular Medicine</i> , 2015, 16, 341-346.	0.6	37

#	ARTICLE	IF	CITATIONS
245	CCR5 facilitates endothelial progenitor cell recruitment and promotes the stabilization of atherosclerotic plaques in ApoE ^{-/-} /A ^{+/+} mice. <i>Stem Cell Research and Therapy</i> , 2015, 6, 36.	2.4	33
246	Coexistence of Calcification, Intraplaque Hemorrhage and Lipid Core within the Asymptomatic Atherosclerotic Carotid Plaque: The Rotterdam Study. <i>Cerebrovascular Diseases</i> , 2015, 39, 319-324.	0.8	52
247	In vivo carotid plaque stiffness measurements with ARFI ultrasound in endarterectomy patients. , 2015, , .		1
248	Dual-frequency intravascular ultrasound imaging of microbubble contrast agents: Ex vivo and in vivo demonstration. , 2015, , .		2
249	Intravascular acoustic radiation force imaging. , 2015, , .		0
250	Dual-energy computed tomography for detection of coronary artery disease. <i>Expert Review of Cardiovascular Therapy</i> , 2015, 13, 1345-1356.	0.6	38
251	Cellular senescence in aging and age-related disease: from mechanisms to therapy. <i>Nature Medicine</i> , 2015, 21, 1424-1435.	15.2	1,547
252	Plaque rupture - Wave approach and resonance hypothesis. , 2015, , .		3
253	Detection by near-infrared spectroscopy of large lipid cores at culprit sites in patients with non-ST-segment elevation myocardial infarction and unstable angina. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, 1014-1021.	0.7	53
254	Targeting B Cells in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 296-302.	1.1	91
255	Nonsynonymous polymorphisms in PLA2G7 gene are associated with the risk of coronary heart disease in a southern Chinese population. <i>Mammalian Genome</i> , 2015, 26, 191-199.	1.0	8
256	Contribution of neovascularization and intraplaque haemorrhage to atherosclerotic plaque progression and instability. <i>Acta Physiologica</i> , 2015, 213, 539-553.	1.8	83
257	Atherothrombosis. , 2015, , 245-271.		0
258	Non-invasive in-Vivo Characterization of Human Carotid Plaques with Acoustic Radiation Force Impulse Ultrasound: Comparison with Histology after Endarterectomy. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 685-697.	0.7	66
259	Preventive Stenting in Acute Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 131-138.	1.1	14
260	The Myth of the "Vulnerable Plaque". <i>Journal of the American College of Cardiology</i> , 2015, 65, 846-855.	1.2	360
261	Cardiac Computed Tomography for the Evaluation of the Acute Chest Pain Syndrome. <i>Radiologic Clinics of North America</i> , 2015, 53, 297-305.	0.9	13
262	Illuminating Culprit Plaque Histology by Optical Coherence Tomography. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1177-1179.	1.1	0

#	ARTICLE	IF	CITATIONS
263	The Inhibition of Oxidised Low-Density Lipoprotein-Induced Apoptosis of Macrophages by Recombinant Human Brain Natriuretic Peptide and the Underlying Mechanism. <i>Cardiology</i> , 2015, 132, 137-146.	0.6	3
264	Beyond vascular inflammation—recent advances in understanding atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3853-3869.	2.4	58
265	Plaque rupture relationship to plaque composition in coronary arteries. A 320-slice CT angiographic analysis. <i>Apollo Medicine</i> , 2015, 12, 115-122.	0.0	0
266	DPP-4 inhibition ameliorates atherosclerosis by priming monocytes into M2 macrophages. <i>International Journal of Cardiology</i> , 2015, 199, 163-169.	0.8	61
267	High-speed intravascular spectroscopic photoacoustic imaging at 1000 A-lines per second with a 0.9-mm diameter catheter. <i>Journal of Biomedical Optics</i> , 2015, 20, 1.	1.4	65
268	Mass Transport of Low Density Lipoprotein in Reconstructed Hemodynamic Environments of Human Carotid Arteries: The Role of Volume and Solute Flux Through the Endothelium. <i>Journal of Biomechanical Engineering</i> , 2015, 137, 041007.	0.6	16
269	Coronary Angioscopy. , 2015, , .		4
270	Current Treatment of Dyslipidemia: Evolving Roles of Non-Statins and Newer Drugs. <i>Drugs</i> , 2015, 75, 1201-1228.	4.9	18
271	Circulating cytokines reflect the expression of pro-inflammatory cytokines in atherosclerotic plaques. <i>Atherosclerosis</i> , 2015, 241, 443-449.	0.4	40
272	Determining the characteristics of human atherosclerosis: A difficult but indispensable task providing the direction and proof of concept for pioneering atherosclerosis research in animal models. <i>Atherosclerosis</i> , 2015, 241, 595-596.	0.4	6
273	Regulatory B Cell—Specific Interleukin-10 Is Dispensable for Atherosclerosis Development in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1770-1773.	1.1	50
274	Effects of intensive lipid-lowering therapy on coronary plaques composition in patients with acute myocardial infarction: Assessment with serial coronary CT angiography. <i>Atherosclerosis</i> , 2015, 241, 579-587.	0.4	54
275	Carotid Plaque Morphological Classification Compared With Biomechanical Cap Stress. <i>Stroke</i> , 2015, 46, 2124-2128.	1.0	20
276	Potential contribution of virtual histology plaque composition to hemodynamic—morphologic dissociation in patients with non-ST elevation acute coronary syndrome. <i>International Journal of Cardiology</i> , 2015, 187, 33-38.	0.8	11
277	The nitroxide radical TEMPOL prevents obesity, hyperlipidaemia, elevation of inflammatory cytokines, and modulates atherosclerotic plaque composition in apoE ^{-/-} mice. <i>Atherosclerosis</i> , 2015, 240, 234-241.	0.4	42
278	Simultaneous morphological and biochemical endogenous optical imaging of atherosclerosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 910-918.	0.5	23
279	Autophagy: an emerging therapeutic target in vascular diseases. <i>British Journal of Pharmacology</i> , 2015, 172, 2167-2178.	2.7	63
280	Effect of Transmural Transport Properties on Atheroma Plaque Formation and Development. <i>Annals of Biomedical Engineering</i> , 2015, 43, 1516-1530.	1.3	10

#	ARTICLE	IF	CITATIONS
281	Low-dose oral or non-oral hormone therapy: effects on C-reactive protein and atrial natriuretic peptide in menopause. <i>Climacteric</i> , 2015, 18, 86-93.	1.1	12
282	Biomarkers in electrophysiology: role in arrhythmias and resynchronization therapy. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2015, 43, 31-44.	0.6	7
283	Pathophysiology and Lifetime Risk Factors for Atherosclerosis and Coronary Artery Disease in Women and in the Elderly. , 2015, , 425-441.		2
285	Clinical Relevance of Matrix Metalloproteinase 9 in Patients With Acute Coronary Syndrome. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2015, 21, 705-711.	0.7	38
286	Ex vivo differential phase contrast and magnetic resonance imaging for characterization of human carotid atherosclerotic plaques. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 1425-1434.	0.7	8
287	Shear stress-induced atherosclerotic plaque composition in ApoE $\hat{\sim}/\hat{\sim}$ mice is modulated by connexin37. <i>Atherosclerosis</i> , 2015, 243, 1-10.	0.4	25
288	Plaque vulnerability at non-culprit lesions in obese patients with coronary artery disease: Frequency-domain optical coherence tomography analysis. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 1331-1339.	0.8	7
289	Carotid Plaque Calcification Predicts Future Cardiovascular Events in Type 2 Diabetes. <i>Diabetes Care</i> , 2015, 38, 1937-1944.	4.3	43
290	A Bigger Artery Is Not Better. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1188-1190.	2.3	1
291	Multimodal Medical Image Fusion in Cardiovascular Applications. <i>Lecture Notes in Bioengineering</i> , 2015, , 91-109.	0.3	3
292	OCTâ€“Defined Morphological Characteristics of Coronary Artery Spasmâ€™Sites in Vasospastic Angina. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1059-1067.	2.3	88
293	Expression of fibromodulin in carotid atherosclerotic plaques is associated with diabetes and cerebrovascular events. <i>Atherosclerosis</i> , 2015, 241, 701-708.	0.4	11
294	Non-invasive Carotid Artery Imaging to Identify the Vulnerable Plaque: Current Status and Future Goals. <i>European Journal of Vascular and Endovascular Surgery</i> , 2015, 50, 563-572.	0.8	65
296	Symptomatic Carotid Atherosclerotic Disease. <i>Stroke</i> , 2015, 46, 182-189.	1.0	114
297	Treating Coronary Disease and the Impact of Endothelial Dysfunction. <i>Progress in Cardiovascular Diseases</i> , 2015, 57, 431-442.	1.6	50
298	Impact of lysophosphatidylcholine on survival and function of UEA-1+acLDL+ endothelial progenitor cells in patients with coronary artery disease. <i>Heart and Vessels</i> , 2015, 30, 115-125.	0.5	13
299	Rosuvastatin Reduces Blood Viscosity in Patients with Acute Coronary Syndrome. <i>Korean Circulation Journal</i> , 2016, 46, 147.	0.7	12
300	Stabilization of high-risk plaques. <i>Cardiovascular Diagnosis and Therapy</i> , 2016, 6, 304-321.	0.7	19

#	ARTICLE	IF	CITATIONS
301	Overexpression of Prolyl-4-Hydroxylase- $\alpha 1$ Stabilizes but Increases Shear Stress-Induced Atherosclerotic Plaque in Apolipoprotein E-Deficient Mice. <i>Disease Markers</i> , 2016, 2016, 1-8.	0.6	3
302	Association of Far-Infrared Radiation Therapy and Ankle-Brachial Index of Patients on Hemodialysis with Peripheral Artery Occlusive Disease. <i>International Journal of Medical Sciences</i> , 2016, 13, 970-976.	1.1	5
303	Application of a four-channel vibrometer system for detection of arterial stiffness. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	2
304	The Clinical Value of High-Intensity Signals on the Coronary Atherosclerotic Plaques: Noncontrast T1-Weighted Magnetic Resonance Imaging. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1187.	1.8	6
305	Anti-Atherogenic Properties of <i>Allium ursinum</i> Liophyllisate: Impact on Lipoprotein Homeostasis and Cardiac Biomarkers in Hypercholesterolemic Rabbits. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1284.	1.8	14
306	Visfatin Destabilizes Atherosclerotic Plaques in Apolipoprotein E-Deficient Mice. <i>PLoS ONE</i> , 2016, 11, e0148273.	1.1	17
307	Pravastatin and Sarpogrelate Synergistically Ameliorate Atherosclerosis in LDLr-Knockout Mice. <i>PLoS ONE</i> , 2016, 11, e0150791.	1.1	5
308	The Spatial Distribution of Plaque Vulnerabilities in Patients with Acute Myocardial Infarction. <i>PLoS ONE</i> , 2016, 11, e0152825.	1.1	3
309	Italian Chapter of the International Society of Cardiovascular Ultrasound expert consensus document on coronary computed tomography angiography: overview and new insights. <i>Echocardiography</i> , 2016, 33, 1413-1418.	0.3	0
310	Activated factor VIIa-antithrombin complex predicts mortality in patients with stable coronary artery disease: a cohort study. <i>Journal of Thrombosis and Haemostasis</i> , 2016, 14, 655-666.	1.9	21
311	Omicron-based approaches to understand mechanosensitive endothelial biology and atherosclerosis. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2016, 8, 378-401.	6.6	15
312	Intracoronary Imaging and Plaque Vulnerability. <i>Journal of Cardiovascular Emergencies</i> , 2016, 2, 148-150.	0.1	1
313	Assessment of Coronary Plaque Vulnerability in Acute Coronary Syndromes using Optical Coherence Tomography and Intravascular Ultrasound. A Systematic Review. <i>Journal of Cardiovascular Emergencies</i> , 2016, 2, 173-184.	0.1	11
315	The correlation of features in detecting cardiovascular vulnerable plaque. , 2016, , .		0
316	Myocardial Bridge and Acute Plaque Rupture. <i>Journal of Investigative Medicine High Impact Case Reports</i> , 2016, 4, 232470961668022.	0.3	6
317	Homodyned K-distribution parametric maps combined with elastograms for carotid artery plaque assessment. , 2016, , .		2
318	Atomic Force Microscopy Study of Atherosclerosis Progression in Arterial Walls. <i>Microscopy and Microanalysis</i> , 2016, 22, 311-325.	0.2	11
319	Application of a new four-channel vibrometer for determination of atherosclerosis: Further advances towards a handheld device. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
320	(Second) Harmonic Disharmony: Nonlinear Microscopy Shines New Light on the Pathology of Atherosclerosis. <i>Microscopy and Microanalysis</i> , 2016, 22, 589-598.	0.2	8
321	Toward the detection of intraplaque hemorrhage in carotid artery lesions using photoacoustic imaging. <i>Journal of Biomedical Optics</i> , 2016, 22, 041010.	1.4	26
322	Ultrasonic transducer-guided electrochemical impedance spectroscopy to assess lipid-laden plaques. <i>Sensors and Actuators B: Chemical</i> , 2016, 235, 154-161.	4.0	11
324	Detection of atherosclerotic plaques in ApoE-deficient mice using 99mTc-duramycin. <i>Nuclear Medicine and Biology</i> , 2016, 43, 496-505.	0.3	20
325	Cross-talk between macrophages and smooth muscle cells impairs collagen and metalloprotease synthesis and promotes angiogenesis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1568-1578.	1.9	61
327	Intraplaque neovascularization as a novel therapeutic target in advanced atherosclerosis. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1247-1257.	1.5	29
328	Sudden cardiac death from structural heart diseases in adults: imaging findings with cardiovascular computed tomography and magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 21-43.	0.7	8
329	Development of Human-like Advanced Coronary Plaques in Low-Density Lipoprotein Receptor Knockout Pigs and Justification for Statin Treatment Before Formation of Atherosclerotic Plaques. <i>Journal of the American Heart Association</i> , 2016, 5, e002779.	1.6	46
330	The role of serum levels of microRNA-21 and matrix metalloproteinase-9 in patients with acute coronary syndrome. <i>Molecular and Cellular Biochemistry</i> , 2016, 422, 51-60.	1.4	21
331	Postmortem Study of Validation of Low Signal on Fat-Suppressed T1-Weighted Magnetic Resonance Imaging as Marker of Lipid Core in Middle Cerebral Artery Atherosclerosis. <i>Stroke</i> , 2016, 47, 2299-2304.	1.0	22
332	Women and heart disease, the underrecognized burden: sex differences, biases, and unmet clinical and research challenges. <i>Clinical Science</i> , 2016, 130, 551-563.	1.8	84
334	Dual Energy Coronary Computed Tomography Angiography for Detection and Quantification of Atherosclerotic Burden: Diagnostic and Prognostic Significance. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2016, 69, 885-887.	0.4	1
335	Evaluation of coronary plaque characteristics with coronary computed tomography angiography in patients with non-obstructive coronary artery disease: a long-term follow-up study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, jew200.	0.5	65
336	Validation of Noninvasive In Vivo Compound Ultrasound Strain Imaging Using Histologic Plaque Vulnerability Features. <i>Stroke</i> , 2016, 47, 2770-2775.	1.0	49
337	Thrombin Stimulated Platelet-Derived Exosomes Inhibit Platelet-Derived Growth Factor Receptor-Beta Expression in Vascular Smooth Muscle Cells. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 2348-2365.	1.1	86
338	Phenotypic Modulation of Smooth Muscle Cells in Atherosclerosis Is Associated With Downregulation of <i>LMOD1</i> , <i>SYNPO2</i> , <i>PDLIM7</i> , <i>PLN</i> , and <i>SYNM</i> . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1947-1961.	1.1	64
339	B-cell-specific depletion of tumour necrosis factor alpha inhibits atherosclerosis development and plaque vulnerability to rupture by reducing cell death and inflammation. <i>Cardiovascular Research</i> , 2016, 111, 385-397.	1.8	78
340	Characterization of fracture behavior of human atherosclerotic fibrous caps using a miniature single edge notched tensile test. <i>Acta Biomaterialia</i> , 2016, 43, 101-111.	4.1	23

#	ARTICLE	IF	CITATIONS
341	E-Selectin Inhibition Mitigates Splenic HSC Activation and Myelopoiesis in Hypercholesterolemic Mice With Myocardial Infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1802-1808.	1.1	26
342	NecroX-7 may appear as a new molecule to stabilize atherosclerotic plaques. <i>Atherosclerosis</i> , 2016, 252, 190-191.	0.4	1
343	Elevated Levels of Serum Fibrin and Fibrinogen Degradation Products Are Independent Predictors of Larger Coronary Plaques and Greater Plaque Necrotic Core. <i>Circulation Journal</i> , 2016, 80, 931-937.	0.7	17
344	Epigenetic regulation of NKG2D ligands is involved in exacerbated atherosclerosis development in Sirt6 heterozygous mice. <i>Scientific Reports</i> , 2016, 6, 23912.	1.6	30
345	Cytomegalovirusâ€Productive Infection Is Associated With Acute Coronary Syndrome. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	50
346	Coronary CT Angiography in the Emergency Department: Current Status. Current Treatment Options in <i>Cardiovascular Medicine</i> , 2016, 18, 62.	0.4	2
347	Atherosclerotic Plaque Rupture. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, e63-72.	1.1	64
348	Polymer Capsules for Plaqueâ€Targeted In Vivo Delivery. <i>Advanced Materials</i> , 2016, 28, 7703-7707.	11.1	29
349	AMP-Activated Protein Kinase Alpha 2 Deletion Induces VSMC Phenotypic Switching and Reduces Features of Atherosclerotic Plaque Stability. <i>Circulation Research</i> , 2016, 119, 718-730.	2.0	67
350	SPECT and fluorescence imaging of vulnerable atherosclerotic plaque with a vascular cell adhesion molecule 1 single-chain antibody fragment. <i>Atherosclerosis</i> , 2016, 254, 263-270.	0.4	21
351	The Different Facets of Dyslipidemia and Hypertension in Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2016, 18, 82.	2.0	157
352	An imbalance between specialized pro-resolving lipid mediators and pro-inflammatory leukotrienes promotes instability of atherosclerotic plaques. <i>Nature Communications</i> , 2016, 7, 12859.	5.8	320
353	Targeting macrophage necroptosis for therapeutic and diagnostic interventions in atherosclerosis. <i>Science Advances</i> , 2016, 2, e1600224.	4.7	214
354	Senescent intimal foam cells are deleterious at all stages of atherosclerosis. <i>Science</i> , 2016, 354, 472-477.	6.0	824
355	Chimpanzee genomic diversity reveals ancient admixture with bonobos. <i>Science</i> , 2016, 354, 477-481.	6.0	230
356	Loss of ADAMTS4 reduces high fat diet-induced atherosclerosis and enhances plaque stability in ApoEâ€ mice. <i>Scientific Reports</i> , 2016, 6, 31130.	1.6	46
357	Multimodality ultrasound imaging in stroke: current concepts and future focus. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 1325-1333.	0.6	10
358	Adaptive windowing in mechanically-steered intravascular ultrasound imaging: Ex vivo and in vivo studies with contrast enhancement. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
359	Incremental Prognostic Value of Quantified Vulnerable Plaque by Cardiac Computed Tomography. <i>Journal of Thoracic Imaging</i> , 2016, 31, 373-379.	0.8	16
360	Pathologic correlates in stable coronary plaques. Traditional and novel insights from pathology. <i>Continuing Cardiology Education</i> , 2016, 2, 56-65.	0.4	2
361	Imaging Reveals the Connection Between Spontaneous Coronary Plaque Ruptures, Atherothrombosis, and Myocardial Infarctions in HypoE/SRBI ^{+/+} Mice. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1420-1427.	2.8	16
362	Excessive intimal hyperplasia in human coronary arteries before intimal lipid depositions is the initiation of coronary atherosclerosis and constitutes a therapeutic target. <i>Drug Discovery Today</i> , 2016, 21, 1578-1595.	3.2	30
363	Acoustic angiography: a new high frequency contrast ultrasound technique for biomedical imaging. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
364	Plaque Structural Stress Estimations Improve Prediction of Future Major Adverse Cardiovascular Events After Intracoronary Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	1.3	55
365	Editorial Commentary: Atherogenesis. <i>Trends in Cardiovascular Medicine</i> , 2016, 26, 548-549.	2.3	0
366	Plaque Neovascularization Is Increased in Human Carotid Atherosclerosis Related to Prior Neck Radiotherapy. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 668-675.	2.3	14
367	Monoglyceride lipase deficiency modulates endocannabinoid signaling and improves plaque stability in ApoE-knockout mice. <i>Atherosclerosis</i> , 2016, 244, 9-21.	0.4	35
368	Adaptive windowing in contrast-enhanced intravascular ultrasound imaging. <i>Ultrasonics</i> , 2016, 70, 123-135.	2.1	18
369	Aqueous or lipid components of atherosclerotic lesion increase macrophage oxidation and lipid accumulation. <i>Life Sciences</i> , 2016, 154, 1-14.	2.0	8
370	Fast integrated intravascular photoacoustic/ultrasound catheter. , 2016, , .		1
371	A CD1d-dependent lipid antagonist to NKT cells ameliorates atherosclerosis in ApoE ^{-/-} mice by reducing lesion necrosis and inflammation. <i>Cardiovascular Research</i> , 2016, 109, 305-317.	1.8	29
372	Links between atherosclerotic and periodontal disease. <i>Experimental and Molecular Pathology</i> , 2016, 100, 220-235.	0.9	94
373	Intracranial plaque enhancement from high resolution vessel wall magnetic resonance imaging predicts stroke recurrence. <i>International Journal of Stroke</i> , 2016, 11, 171-179.	2.9	86
374	Serum biomarkers and source of inflammation in acute coronary syndromes and percutaneous coronary interventions. <i>Cardiovascular Revascularization Medicine</i> , 2016, 17, 119-128.	0.3	16
375	Pioglitazone-Incorporated Nanoparticles Prevent Plaque Destabilization and Rupture by Regulating Monocyte/Macrophage Differentiation in ApoE ^{-/-} Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 491-500.	1.1	93
376	Plaque Echolucency and the Risk of Ischaemic Stroke in Patients with Asymptomatic Carotid Stenosis Within the First Asymptomatic Carotid Surgery Trial (ACST-1). <i>European Journal of Vascular and Endovascular Surgery</i> , 2016, 51, 616-621.	0.8	37

#	ARTICLE	IF	CITATIONS
377	The role of endothelial mechanosensitive genes in atherosclerosis and omics approaches. Archives of Biochemistry and Biophysics, 2016, 591, 111-131.	1.4	53
378	Are There Deleterious Cardiac Effects of Acute and Chronic Endurance Exercise?. Physiological Reviews, 2016, 96, 99-125.	13.1	164
379	Imaging Atherosclerosis. Circulation Research, 2016, 118, 750-769.	2.0	215
380	Biomechanical stress in coronary atherosclerosis: emerging insights from computational modelling. European Heart Journal, 2017, 38, ehv689.	1.0	87
381	Miniature Swine for Preclinical Modeling of Complexities of Human Disease for Translational Scientific Discovery and Accelerated Development of Therapies and Medical Devices. Toxicologic Pathology, 2016, 44, 299-314.	0.9	73
382	Suppression of proatherogenic leukocyte interactions by MCS-18 – Impact on advanced atherosclerosis in ApoE-deficient mice. Atherosclerosis, 2016, 245, 101-110.	0.4	3
383	Quantitative assessment of atherosclerotic plaques on 18F-FDG PET/MRI: comparison with a PET/CT hybrid system. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1503-1512.	3.3	38
384	Relationship Between Platelet Reactivity and Culprit Lesion Morphology. JACC: Cardiovascular Imaging, 2016, 9, 849-854.	2.3	13
385	Transcoronary gradients of vascular miRNAs and coronary atherosclerotic plaque characteristics. European Heart Journal, 2016, 37, 1738-1749.	1.0	65
386	Intracoronary Imaging in the Detection of Vulnerable Plaques. Current Cardiology Reports, 2016, 18, 28.	1.3	26
387	New horizons in cardiac CT. Clinical Radiology, 2016, 71, 758-767.	0.5	29
388	Clinical Characterization of Coronary Atherosclerosis With Dual-Modality OCT and Near-Infrared Autofluorescence Imaging. JACC: Cardiovascular Imaging, 2016, 9, 1304-1314.	2.3	141
389	Targeting collagen for diagnostic imaging and therapeutic delivery. Journal of Controlled Release, 2016, 240, 323-331.	4.8	96
390	Molecular histology of arteries: mass spectrometry imaging as a novel <i>ex vivo</i> tool to investigate atherosclerosis. Expert Review of Proteomics, 2016, 13, 69-81.	1.3	14
391	Early <i>in vivo</i> discrimination of vulnerable atherosclerotic plaques that disrupt: A serial MRI study. Atherosclerosis, 2016, 244, 101-107.	0.4	13
392	Ultrasound-Based Carotid Elastography for Detection of Vulnerable Atherosclerotic Plaques Validated by Magnetic Resonance Imaging. Ultrasound in Medicine and Biology, 2016, 42, 365-377.	0.7	61
393	A Review of Intravascular Ultrasound-based Multimodal Intravascular Imaging. Ultrasonic Imaging, 2016, 38, 314-331.	1.4	44
394	Plaque assessment by coronary CT. International Journal of Cardiovascular Imaging, 2016, 32, 161-172.	0.7	31

#	ARTICLE	IF	CITATIONS
395	Aberrant serum polyunsaturated fatty acids profile is relevant with acute coronary syndrome. <i>Heart and Vessels</i> , 2016, 31, 1209-1217.	0.5	11
396	Cholesterol crystal as a new feature of coronary vulnerable plaques: An optical coherence tomography study. <i>Journal of Cardiology</i> , 2017, 69, 253-259.	0.8	40
397	Antiinflammatory actions of inorganic nitrate stabilize the atherosclerotic plaque. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E550-E559.	3.3	52
398	Thrombus and Plaque Erosion Characterized by Optical Coherence Tomography in Patients With Vasospastic Angina. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017, 70, 459-466.	0.4	8
399	Non-Invasive Identification of Vulnerable Atherosclerotic Plaques Using Texture Analysis in Ultrasound Carotid Elastography: An In Vivo Feasibility Study Validated by Magnetic Resonance Imaging. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 817-830.	0.7	25
400	The Role of Efferocytosis in Atherosclerosis. <i>Circulation</i> , 2017, 135, 476-489.	1.6	173
401	Cardiovascular PET/MR: We need evidence, not hype. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1032-1035.	1.4	5
402	Shear Wave Elastography Imaging for the Features of Symptomatic Carotid Plaques: A Feasibility Study. <i>Journal of Ultrasound in Medicine</i> , 2017, 36, 1213-1223.	0.8	33
403	New insights to the mechanisms underlying atherosclerosis in rheumatoid arthritis. <i>International Journal of Rheumatic Diseases</i> , 2017, 20, 287-297.	0.9	48
404	Involvement of histone methylation in macrophage apoptosis and unstable plaque formation in methionine-induced hyperhomocysteinemic ApoE ^{-/-} mice. <i>Life Sciences</i> , 2017, 173, 135-144.	2.0	20
405	Invasive or non-invasive imaging for detecting high-risk coronary lesions?. <i>Expert Review of Cardiovascular Therapy</i> , 2017, 15, 165-179.	0.6	15
406	Neutrophil Extracellular Traps in Atherosclerosis and Atherothrombosis. <i>Circulation Research</i> , 2017, 120, 736-743.	2.0	348
407	Expression of miRNA-155 in carotid atherosclerotic plaques of apolipoprotein E knockout (ApoE ^{-/-}) mice and the interventional effect of rapamycin. <i>International Immunopharmacology</i> , 2017, 46, 70-74.	1.7	18
408	Association Between Osteogenesis and Inflammation During the Progression of Calcified Plaque Evaluated by ¹⁸ F-Fluoride and ¹⁸ F-FDG. <i>Journal of Nuclear Medicine</i> , 2017, 58, 968-974.	2.8	40
409	Oscillatory wall shear stress is a dominant flow characteristic affecting lesion progression patterns and plaque vulnerability in patients with coronary artery disease. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20160972.	1.5	61
410	Exploring the Coronary Artery Wall From the Luminal Side. <i>Journal of the American College of Cardiology</i> , 2017, 69, 658-660.	1.2	0
411	Oncostatin M receptor $\hat{1}^2$ deficiency attenuates atherogenesis by inhibiting JAK2/STAT3 signaling in macrophages. <i>Journal of Lipid Research</i> , 2017, 58, 895-906.	2.0	53
412	Multimodal laser-based angioscopy for structural, chemical and biological imaging of atherosclerosis. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	38

#	ARTICLE	IF	CITATIONS
413	Smooth muscle cell-specific deletion of <i>Col15a1</i> unexpectedly leads to impaired development of advanced atherosclerotic lesions. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H943-H958.	1.5	34
414	Use of cardiovascular age for assessing risks and benefits of menopausal hormone therapy. <i>Menopause</i> , 2017, 24, 589-595.	0.8	13
415	Nanoparticle-mediated drug delivery system for atherosclerotic cardiovascular disease. <i>Journal of Cardiology</i> , 2017, 70, 206-211.	0.8	104
416	Killer cells in atherosclerosis. <i>European Journal of Pharmacology</i> , 2017, 816, 67-75.	1.7	18
417	Real-time intravascular photoacoustic-ultrasound imaging of lipid-laden plaque in human coronary artery at 16 frames per second. <i>Scientific Reports</i> , 2017, 7, 1417.	1.6	68
418	Thrombin-activated platelet-derived exosomes regulate endothelial cell expression of ICAM-1 via microRNA-223 during the thrombosis-inflammation response. <i>Thrombosis Research</i> , 2017, 154, 96-105.	0.8	139
419	Real-time intravascular photoacoustic-ultrasound imaging of lipid-laden plaque at speed of video-rate level. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
420	NaoXinTong Enhances Atorvastatin-induced Plaque Stability While Ameliorating Atorvastatin-induced Hepatic Inflammation. <i>Journal of Cardiovascular Pharmacology</i> , 2017, 69, 55-64.	0.8	15
421	Increased expression of TFPI in human carotid stenosis. <i>Thrombosis Research</i> , 2017, 155, 31-37.	0.8	4
422	Recent Advances in the Field of Optical Coherence Tomography. <i>Current Cardiovascular Imaging Reports</i> , 2017, 10, 1.	0.4	2
423	Issue "noninvasive molecular imaging and theranostic probes" New concepts in myocardial imaging. <i>Methods</i> , 2017, 130, 72-78.	1.9	5
424	The 9p21.3 risk locus for coronary artery disease: A 10-year search for its mechanism. <i>Journal of Taibah University Medical Sciences</i> , 2017, 12, 199-204.	0.5	8
425	Imaging the Cervical Vasculature. <i>Progress in Cardiovascular Diseases</i> , 2017, 59, 555-584.	1.6	4
426	Comparison between multi-channel LDV and PWI for measurement of pulse wave velocity in distensible tubes: Towards a new diagnostic technique for detection of arteriosclerosis. <i>Optics and Lasers in Engineering</i> , 2017, 97, 41-51.	2.0	5
427	Spectral analysis assisted photoacoustic imaging for lipid composition differentiation. <i>Photoacoustics</i> , 2017, 7, 12-19.	4.4	28
428	Radiofrequency Ablation of the Atherosclerotic Plaque: a Proof of Concept Study in an Atherosclerotic Model. <i>Journal of Cardiovascular Translational Research</i> , 2017, 10, 221-232.	1.1	5
429	Presencia de trombo y erosión de placa en pacientes con angina vasospástica mediante tomografía de coherencia óptica. <i>Revista Española De Cardiología</i> , 2017, 70, 459-466.	0.6	10
430	The Future of Intravascular Imaging: Are We Primed to Detect Vulnerable Plaques?. <i>Current Cardiovascular Imaging Reports</i> , 2017, 10, 1.	0.4	2

#	ARTICLE	IF	CITATIONS
431	Echoluency of the carotid artery is associated with short-term plaque progression and positive remodeling in the culprit coronary artery in AMI survivors. <i>Journal of Cardiology</i> , 2017, 70, 438-445.	0.8	5
432	Manual aspiration thrombectomy using a Penumbra catheter in patients with acute migrated MCA occlusion. <i>Interventional Neuroradiology</i> , 2017, 23, 173-179.	0.7	5
433	Proatherogenic effects of 4-hydroxynonenal. <i>Free Radical Biology and Medicine</i> , 2017, 111, 127-139.	1.3	48
434	Ex Vivo culture of human atherosclerotic plaques: A model to study immune cells in atherogenesis. <i>Atherosclerosis</i> , 2017, 267, 90-98.	0.4	26
435	DBZ (Danshensu Bingpian Zhi), a Novel Natural Compound Derivative, Attenuates Atherosclerosis in Apolipoprotein E-deficient Mice. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	25
436	Review. Automatic Segmentation Techniques of the Coronary Artery Using CT Images in Acute Coronary Syndromes. <i>Journal of Cardiovascular Emergencies</i> , 2017, 3, 9-17.	0.1	4
437	Acute Coronary Syndromes. <i>Circulation</i> , 2017, 136, 1155-1166.	1.6	329
438	Whole body and hematopoietic ADAM8 deficiency does not influence advanced atherosclerotic lesion development, despite its association with human plaque progression. <i>Scientific Reports</i> , 2017, 7, 11670.	1.6	13
439	The Effect of Cardiovascular Risk Factors on the Coronary Circulation. , 2017, , 81-98.		0
440	<i>In Situ</i> Imaging of Tissue Remodeling with Collagen Hybridizing Peptides. <i>ACS Nano</i> , 2017, 11, 9825-9835.	7.3	138
441	Tissue factor pathway inhibitor attenuates ER stress-induced inflammation in human M2-polarized macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 442-448.	1.0	19
442	Senescent cells: an emerging target for diseases of ageing. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 718-735.	21.5	788
443	Recommendation on Design, Execution, and Reporting of Animal Atherosclerosis Studies: A Scientific Statement From the American Heart Association. <i>Circulation Research</i> , 2017, 121, e53-e79.	2.0	69
444	Recommendation on Design, Execution, and Reporting of Animal Atherosclerosis Studies: A Scientific Statement From the American Heart Association. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, e131-e157.	1.1	262
445	Magnetic iron oxide nanoparticles as novel and efficient tools for atherosclerosis diagnosis. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 1098-1115.	2.5	30
446	Incidence and risk of acute coronary syndrome in patients with acute pancreatitis: A nationwide cohort study. <i>Pancreatology</i> , 2017, 17, 675-680.	0.5	8
447	Detection of the Vulnerable Coronary Atherosclerotic Plaque—Promises and Limitations. <i>Current Cardiovascular Imaging Reports</i> , 2017, 10, 1.	0.4	1
448	Interleukin-18, matrix metalloproteinase-22 and -29 are independent risk factors of human coronary heart disease. <i>Journal of Zhejiang University: Science B</i> , 2017, 18, 685-695.	1.3	6

#	ARTICLE	IF	CITATIONS
449	Vulnerable plaques, more than meets the eye. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 1115-1116.	0.7	1
450	Intravascular Optical Coherence Tomography for Characterization of Atherosclerosis with a 1.7 Micron Swept-Source Laser. <i>Scientific Reports</i> , 2017, 7, 14525.	1.6	40
451	Time-dependent trends in cardiovascular adverse events during follow-up after carotid or iliofemoral endarterectomy. <i>British Journal of Surgery</i> , 2017, 104, 1477-1485.	0.1	12
452	Carotid Intraplaque Hemorrhage: A Biomarker for Subsequent Ischemic Cerebrovascular Event?. <i>Cerebrovascular Diseases</i> , 2017, 43, 257-258.	0.8	4
453	Cardiovascular Complications of Androgen Deprivation Therapy for Prostate Cancer. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2017, 19, 61.	0.4	19
454	Arterial calcification: A new perspective?. <i>International Journal of Cardiology</i> , 2017, 228, 11-22.	0.8	41
455	Low TLR7 gene expression in atherosclerotic plaques is associated with major adverse cardiovascular and cerebrovascular events. <i>Cardiovascular Research</i> , 2017, 113, 30-39.	1.8	31
456	Prediction of Atherosclerotic Plaque Development in an In Vivo Coronary Arterial Segment Based on a Multilevel Modeling Approach. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 1721-1730.	2.5	32
457	Omentin concentrations are independently associated with those of matrix metalloproteinase-3 in patients with mild but not severe rheumatoid arthritis. <i>Rheumatology International</i> , 2017, 37, 3-11.	1.5	13
458	Assessment of the vulnerable carotid atherosclerotic plaque using contrast-enhanced ultrasonography. <i>Vascular</i> , 2017, 25, 316-325.	0.4	18
459	An exploratory look at NETosis in atherosclerosis. <i>Internal and Emergency Medicine</i> , 2017, 12, 13-22.	1.0	42
460	Non-invasive assessment of low- and intermediate-risk patients with chest pain. <i>Trends in Cardiovascular Medicine</i> , 2017, 27, 182-189.	2.3	20
461	MRI/optical dual-modality imaging of vulnerable atherosclerotic plaque with an osteopontin-targeted probe based on Fe ₃ O ₄ nanoparticles. <i>Biomaterials</i> , 2017, 112, 336-345.	5.7	71
462	A Convolutional Neural Network for Automatic Characterization of Plaque Composition in Carotid Ultrasound. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017, 21, 48-55.	3.9	156
463	Intravascular Ultrasound and Near-Infrared Spectroscopic Characterization of Thin-Cap Fibroatheroma. <i>American Journal of Cardiology</i> , 2017, 119, 372-378.	0.7	13
464	Mineralocorticoid Receptor Deficiency in Macrophages Inhibits Atherosclerosis by Affecting Foam Cell Formation and Efferocytosis. <i>Journal of Biological Chemistry</i> , 2017, 292, 925-935.	1.6	41
465	Modulated Excitation Imaging System for Intravascular Ultrasound. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 1935-1942.	2.5	39
466	Pathophysiological relevance of macrophage subsets in atherogenesis. <i>Thrombosis and Haemostasis</i> , 2017, 117, 07-18.	1.8	77

#	ARTICLE	IF	CITATIONS
467	Neat1 regulates oxidized low-density lipoprotein-induced inflammation and lipid uptake in macrophages via paraspeckle formation. <i>Molecular Medicine Reports</i> , 2018, 17, 3092-3098.	1.1	29
468	Oxidized low-density lipoprotein-induced p62/SQSTM1 accumulation in THP1-derived macrophages promotes IL-18 secretion and cell death. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 5417-5423.	0.8	6
469	Platelets, Haemostasis and Inflammation. <i>Cardiac and Vascular Biology</i> , 2017, , .	0.2	5
470	Atherosclerotic plaque characterization: a need for a paradigm shift for prediction of risk. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1340-1341.	0.5	0
471	Immune-Mediated Accelerated Atherosclerosis. , 2017, , 65-89.		0
472	Coronary Computed Tomography Angiography. , 2017, , .		0
473	Fully integrated optical coherence tomography, ultrasound, and indocyanine green-based fluorescence tri-modality system for intravascular imaging. <i>Biomedical Optics Express</i> , 2017, 8, 1036.	1.5	46
474	Importance of Endogenous Fibrinolysis in Platelet Thrombus Formation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1850.	1.8	16
475	Role of the Low-Density Lipoprotein-Cholesterol/High-Density Lipoprotein-Cholesterol Ratio in Predicting Serial Changes in the Lipid Component of Coronary Plaque. <i>Circulation Journal</i> , 2017, 81, 1439-1446.	0.7	11
476	Role of Endoplasmic Reticulum Stress, Autophagy, and Inflammation in Cardiovascular Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 29.	1.1	125
477	Lectin Pathway of Complement Activation Is Associated with Vulnerability of Atherosclerotic Plaques. <i>Frontiers in Immunology</i> , 2017, 8, 288.	2.2	30
478	High Sensitivity Troponins Discriminate Different Morphologies of Coronary Artery Plaques Being Assessed by Coronary Computed Tomography Angiography. <i>Disease Markers</i> , 2017, 2017, 1-9.	0.6	2
479	Anti-Inflammatory Effects of the Mediterranean Diet in the Early and Late Stages of Atheroma Plaque Development. <i>Mediators of Inflammation</i> , 2017, 2017, 1-12.	1.4	78
480	Intracranial Atherosclerosis: From Microscopy to High-Resolution Magnetic Resonance Imaging. <i>Journal of Stroke</i> , 2017, 19, 249-260.	1.4	90
481	XuezhiKang, an extract from red yeast rice, attenuates vulnerable plaque progression by suppressing endoplasmic reticulum stress-mediated apoptosis and inflammation. <i>PLoS ONE</i> , 2017, 12, e0188841.	1.1	21
482	Comparison of circulating dendritic cell and monocyte subsets at different stages of atherosclerosis: insights from optical coherence tomography. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 270.	0.7	22
483	Modeling fibrous cap formation in atherosclerotic plaque development: stability and oscillatory behavior. <i>Advances in Difference Equations</i> , 2017, 2017, .	3.5	14
484	The Impact of Autophagy on Cardiovascular Senescence and Diseases. <i>International Heart Journal</i> , 2017, 58, 666-673.	0.5	46

#	ARTICLE	IF	CITATIONS
485	A Quantitative Systems Pharmacology Platform to Investigate the Impact of Alirocumab and Cholesterol-Lowering Therapies on Lipid Profiles and Plaque Characteristics. <i>Gene Regulation and Systems Biology</i> , 2017, 11, 117762501771094.	2.3	11
486	CAMKII β suppresses an efferocytosis pathway in macrophages and promotes atherosclerotic plaque necrosis. <i>Journal of Clinical Investigation</i> , 2017, 127, 4075-4089.	3.9	81
487	Porphyrin photosensitizers in photodynamic therapy and its applications. <i>Oncotarget</i> , 2017, 8, 81591-81603.	0.8	381
488	Atherosclerotic Plaque Progression and OCT/IVUS Assessment. , 2017, , 33-51.		0
489	Coronary Atherosclerotic Plaque Characteristics and Cardiovascular Risk Factors – Insights From an Optical Coherence Tomography Study. <i>Circulation Journal</i> , 2017, 81, 1165-1173.	0.7	44
490	Arterial Wall Stiffness and Atherogenesis in Human Coronaries. , 2017, , 193-213.		3
491	Lipid-Lowering Therapy With Ezetimibe Decreases Spontaneous Atherothrombotic Occlusions in a Rabbit Model of Plaque Erosion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 757-771.	1.1	21
492	Magnetic Resonance Imaging of Atherosclerotic Plaque at Clinically Relevant Field Strengths (1T) by Targeting the Integrin $\alpha 4\beta 1$. <i>Scientific Reports</i> , 2018, 8, 3733.	1.6	24
493	Oxidized LDL phagocytosis during foam cell formation in atherosclerotic plaques relies on a PLD2-CD36 functional interdependence. <i>Journal of Leukocyte Biology</i> , 2018, 103, 867-883.	1.5	36
494	Non-invasive characterization of coronary artery atherosclerotic plaque using dual energy CT: Explanation in ex-vivo samples. <i>Physica Medica</i> , 2018, 45, 52-58.	0.4	13
495	Interleukin-6 is an independent predictor of progressive atherosclerosis in the carotid artery: The TromsÅ Study. <i>Atherosclerosis</i> , 2018, 271, 1-8.	0.4	41
496	Effect of Angiotensin II on Matrix Metalloproteinase-2 Secretion in Human Umbilical Vein Endothelial Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2018, 71, 233-239.	0.8	2
497	Impact of CD14 ++ CD16 + monocytes on coronary plaque vulnerability assessed by optical coherence tomography in coronary artery disease patients. <i>Atherosclerosis</i> , 2018, 269, 245-251.	0.4	32
498	Microvascular Mural Cell Organotypic Heterogeneity and Functional Plasticity. <i>Trends in Cell Biology</i> , 2018, 28, 302-316.	3.6	100
499	Mathematical modeling of atherosclerotic plaque destabilization: Role of neovascularization and intraplaque hemorrhage. <i>Journal of Theoretical Biology</i> , 2018, 450, 53-65.	0.8	29
500	Photoacoustic cardiovascular imaging: a new technique for imaging of atherosclerosis and vulnerable plaque detection. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 032002.	0.6	9
501	Incremental Prognostic Value of Stress Echocardiography With Carotid Ultrasound for Suspected CAD. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 173-180.	2.3	17
502	Change in Carotid Plaque Components. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 184-192.	2.3	30

#	ARTICLE	IF	CITATIONS
503	Selective Imaging of Vascular Endothelial Growth Factor Receptor-1 and Receptor-2 in Atherosclerotic Lesions in Diabetic and Non-diabetic ApoE ^{-/-} Mice. <i>Molecular Imaging and Biology</i> , 2018, 20, 85-93.	1.3	11
504	Tissue characterization of non-culprit intermediate coronary lesions in non ST elevation acute coronary syndromes. <i>Egyptian Heart Journal</i> , 2018, 70, 9-14.	0.4	0
505	Irisin protects macrophages from oxidized low density lipoprotein-induced apoptosis by inhibiting the endoplasmic reticulum stress pathway. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 849-857.	1.8	22
506	From vulnerable plaque to blood healthy therapy. <i>Perfusion (United Kingdom)</i> , 2018, 33, 89-95.	0.5	2
507	Translating Molecular Imaging of the Vulnerable Plaque—a Vulnerable Project?. <i>Molecular Imaging and Biology</i> , 2018, 20, 337-339.	1.3	4
508	Evaluation of carotid atherosclerotic plaque surface characteristics utilizing simultaneous noncontrast angiography and intraplaque hemorrhage (SNAP) technique. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 634-639.	1.9	14
509	Computational imaging of aortic vasa vasorum and neovascularization in rabbits using contrast enhanced intravascular ultrasound: association with histology analysis. <i>Anatolian Journal of Cardiology</i> , 2018, 20, 117-124.	0.5	4
510	Automated Spatial Mechanical Inhomogeneity Detection and Arterial Wall Characterization in Human Atherosclerotic Carotid Arteries In-Vivo. , 2018, , .		4
511	Senescent cells: a therapeutic target for cardiovascular disease. <i>Journal of Clinical Investigation</i> , 2018, 128, 1217-1228.	3.9	138
512	OBSOLETE: Lipid-mediated Mechanisms of Atherosclerosis. , 2018, , .		0
513	OBSOLETE: Animal Models of Ischemic Heart Disease: From Atherosclerosis and Thrombosis to Myocardial Infarction. , 2018, , .		0
514	Systemic involvement in ACS: Using CMR imaging to compare the aortic wall in patients with and without acute coronary syndrome. <i>PLoS ONE</i> , 2018, 13, e0203514.	1.1	0
515	Numerical investigation of atherosclerotic plaque rupture using optical coherence tomography imaging and XFEM. <i>Engineering Fracture Mechanics</i> , 2018, 204, 531-541.	2.0	14
516	Animal Models of Ischemic Heart Disease: From Atherosclerosis and Thrombosis to Myocardial Infarction. , 2018, , 97-110.		0
517	SM22 [±] (Smooth Muscle Protein 22- [±]) Promoter-Driven IGF1R (Insulin-Like Growth Factor 1 Receptor) Deficiency Promotes Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2306-2317.	1.1	24
518	Atherosclerotic plaque instability in carotid arteries: miR-200c as a promising biomarker. <i>Clinical Science</i> , 2018, 132, 2423-2436.	1.8	38
519	Up-regulation of COX-2 and mPGES-1 by 27-hydroxycholesterol and 4-hydroxynonenal: A crucial role in atherosclerotic plaque instability. <i>Free Radical Biology and Medicine</i> , 2018, 129, 354-363.	1.3	15
520	Defective autophagy in vascular smooth muscle cells enhances atherosclerotic plaque instability. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 1141-1147.	1.0	22

#	ARTICLE	IF	CITATIONS
521	High-Contrast Imaging of Cholesterol Crystals in Rabbit Arteries Ex Vivo Using LED-Based Polarization Microscopy. <i>Sensors</i> , 2018, 18, 1258.	2.1	4
522	Clinical significance of optical coherence tomographyâ€‘guided angioplasty on treatment selection. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 483-492.	0.8	1
523	A Survey on Coronary Atherosclerotic Plaque Tissue Characterization in Intravascular Optical Coherence Tomography. <i>Current Atherosclerosis Reports</i> , 2018, 20, 33.	2.0	54
524	Molecular Mechanisms of the Arterial Wall in Acute Coronary Syndromes. , 2018, , 473-483.		0
525	Extracellular Matrix Macromolecules as Potential Targets of Cardiovascular Pharmacotherapy. <i>Advances in Pharmacology</i> , 2018, 81, 209-240.	1.2	3
526	Improved labelâ€‘free diagnostics and pathological assessment of atherosclerotic plaques through nonlinear microscopy. <i>Journal of Biophotonics</i> , 2018, 11, e201800106.	1.1	6
527	Treating Lipid Disorders in Athletes. , 2018, , 25-48.		0
528	Atherothrombosis. , 2018, , 2122-2132.		0
529	Multispectral analog-mean-delay fluorescence lifetime imaging combined with optical coherence tomography. <i>Biomedical Optics Express</i> , 2018, 9, 1930.	1.5	24
530	Inflammation and Calcification in the Vascular Tree; Insights Into Atherosclerosis. , 2018, , 189-201.		2
531	Morphology and histology of silent and symptom-causing atherosclerotic carotid plaques â€‘ Rationale and design of the Helsinki Carotid Endarterectomy Study 2 (the HeCES2). <i>Annals of Medicine</i> , 2018, 50, 501-510.	1.5	8
532	Defective autophagy in vascular smooth muscle cells enhances cell death and atherosclerosis. <i>Autophagy</i> , 2018, 14, 1991-2006.	4.3	104
533	Improved plaque neovascularization following 2-year atorvastatin therapy based on contrast-enhanced ultrasonography: A pilot study. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 4491-4497.	0.8	7
534	Simultaneous Vascular Strain and Blood Vector Velocity Imaging Using High-Frequency Versus Conventional-Frequency Plane Wave Ultrasound: A Phantom Study. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2018, 65, 1166-1181.	1.7	13
535	Inhibition of Vascular Calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2382-2395.	1.1	41
536	Lipid-Mediated Mechanisms in Atherosclerosis. , 2018, , 214-220.		0
537	Epidemiology of cardiovascular risk factors in two population-based studies. <i>Atherosclerosis Supplements</i> , 2018, 35, e14-e20.	1.2	6
538	Optical Nanoparticles for Cardiovascular Imaging. <i>Advanced Optical Materials</i> , 2018, 6, 1800626.	3.6	27

#	ARTICLE	IF	CITATIONS
539	Superficial and multiple calcifications and ulceration associate with intraplaque hemorrhage in the carotid atherosclerotic plaque. <i>European Radiology</i> , 2018, 28, 4968-4977.	2.3	32
540	Omentin-1 is Associated with Carotid Plaque Instability among Ischemic Stroke Patients. <i>Journal of Atherosclerosis and Thrombosis</i> , 2018, 25, 505-511.	0.9	29
541	Combating cellular senescence by sirtuins: Implications for atherosclerosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1822-1830.	1.8	13
542	¹⁸ F-sodium fluoride positron emission tomography assessed microcalcifications in culprit and non-culprit human carotid plaques. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1064-1075.	1.4	39
543	Vascular smooth muscle cell senescence and age-related diseases: State of the art. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1810-1821.	1.8	96
544	Hyperlipidemic mice as a model for a real-time in vivo detection of atherosclerosis by gold nanorods-based diffusion reflection technique. <i>Journal of Biophotonics</i> , 2019, 12, e201800218.	1.1	4
545	Blockade of vascular endothelial growth factor receptor 2 inhibits intraplaque haemorrhage by normalization of plaque neovessels. <i>Journal of Internal Medicine</i> , 2019, 285, 59-74.	2.7	42
546	Short-term blood pressure changes have a more strong impact on stroke and its subtypes than long-term blood pressure changes. <i>Clinical Cardiology</i> , 2019, 42, 925-933.	0.7	4
547	Regulation of <i>CCL2</i> expression in human vascular endothelial cells by a neighboring divergently transcribed long noncoding RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16410-16419.	3.3	67
548	Overexpression of myeloid angiotensin-converting enzyme (ACE) reduces atherosclerosis. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 573-579.	1.0	10
549	Cardiac Pathology. , 2019, , .		1
550	Vulnerable Atherosclerotic Plaque Imaging by Small-Molecule High-Affinity Positron Emission Tomography Radiopharmaceutical. <i>Advanced Therapeutics</i> , 2019, 2, 1900005.	1.6	2
551	Oncostatin M reduces atherosclerosis development in APOE*3Leiden.CETP mice and is associated with increased survival probability in humans. <i>PLoS ONE</i> , 2019, 14, e0221477.	1.1	10
552	The Therapeutic Potential of Nanoparticles to Reduce Inflammation in Atherosclerosis. <i>Biomolecules</i> , 2019, 9, 416.	1.8	24
553	Na ⁺ -H ⁺ exchanger 1 determines atherosclerotic lesion acidification and promotes atherogenesis. <i>Nature Communications</i> , 2019, 10, 3978.	5.8	25
554	Molecular Characterization of Monocyte Subsets Reveals Specific and Distinctive Molecular Signatures Associated With Cardiovascular Disease in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2019, 10, 1111.	2.2	20
555	Coronary Artery Microcalcification: Imaging and Clinical Implications. <i>Diagnostics</i> , 2019, 9, 125.	1.3	30
556	Noninvasive assessment of coronary atherosclerosis by cardiac computed tomography for risk stratifying patients with suspected coronary heart disease. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 235-241.	0.7	5

#	ARTICLE	IF	CITATIONS
557	Role of interleukin-17 in acute myocardial infarction. <i>Molecular Immunology</i> , 2019, 107, 71-78.	1.0	34
558	Pollen Typhae Total Flavone Inhibits Endoplasmic Reticulum Stress-Induced Apoptosis in Human Aortic-Vascular Smooth Muscle Cells through Down-Regulating PERK-eIF2 β -ATF4-CHOP Pathway. <i>Chinese Journal of Integrative Medicine</i> , 2019, 25, 604-612.	0.7	9
559	Custom Multiphoton/Raman Microscopy Setup for Imaging and Characterization of Biological Samples. <i>Methods and Protocols</i> , 2019, 2, 51.	0.9	16
560	ST-segment elevation myocardial infarction. <i>Nature Reviews Disease Primers</i> , 2019, 5, 39.	18.1	179
561	New Insights into the Association between Fibrinogen and Coronary Atherosclerotic Plaque Vulnerability: An Intravascular Optical Coherence Tomography Study. <i>Cardiovascular Therapeutics</i> , 2019, 2019, 1-12.	1.1	8
562	YKL-40 promotes the progress of atherosclerosis independent of lipid metabolism in apolipoprotein E $\alpha^{-/-}$ mice fed a high-fat diet. <i>Heart and Vessels</i> , 2019, 34, 1874-1881.	0.5	11
563	Healed Culprit Plaques in Patients With Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2253-2263.	1.2	111
564	Prediction of coronary thin-cap fibroatheroma by intravascular ultrasound-based machine learning. <i>Atherosclerosis</i> , 2019, 288, 168-174.	0.4	16
565	Advanced Methods for Coronary Artery Plaque Analysis. <i>Contemporary Medical Imaging</i> , 2019, , 725-735.	0.3	0
566	Role of Macrophages in Cardioprotection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2474.	1.8	47
568	Correlation of computed tomography with carotid plaque transcriptomes associates calcification with lesion-stabilization. <i>Atherosclerosis</i> , 2019, 288, 175-185.	0.4	52
569	Evaluation and Management of the Vulnerable Plaque. <i>Current Cardiovascular Risk Reports</i> , 2019, 13, 1.	0.8	3
570	Melatonin stabilizes rupture-prone vulnerable plaques via regulating macrophage polarization in a nuclear circadian receptor ROR α -dependent manner. <i>Journal of Pineal Research</i> , 2019, 67, e12581.	3.4	83
571	Association between Gamma-Glutamyl Transferase and Coronary Atherosclerotic Plaque Vulnerability: An Optical Coherence Tomography Study. <i>BioMed Research International</i> , 2019, 2019, 1-11.	0.9	3
572	Cardiac Applications of Dual-Energy Computed Tomography. <i>Cardiology in Review</i> , 2019, 27, 208-210.	0.6	2
573	The Importance of the Autopsy in Medicine: Perspectives of Pathology Colleagues. <i>Academic Pathology</i> , 2019, 6, 2374289519834041.	0.7	41
574	Coronary Atherosclerotic Plaque Vulnerability Rather than Stenosis Predisposes to Non-ST Elevation Acute Coronary Syndromes. <i>Cardiology Research and Practice</i> , 2019, 2019, 1-7.	0.5	8
576	Anti- β 2GPI antibodies enhance atherosclerosis in ApoE-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 72-78.	1.0	9

#	ARTICLE	IF	CITATIONS
577	Systematic mapping study on diagnosis of vulnerable plaque. <i>Multimedia Tools and Applications</i> , 2019, 78, 21695-21730.	2.6	4
578	Metabolomics in early detection and prognosis of acute coronary syndrome. <i>Clinica Chimica Acta</i> , 2019, 495, 43-53.	0.5	30
579	Improved in vivo detection of atherosclerotic plaques with a tissue factor-targeting magnetic nanoprobe. <i>Acta Biomaterialia</i> , 2019, 90, 324-336.	4.1	22
580	Cardiovascular disease is obNOXious: New insights into NoxA1 in smooth muscle phenotype. <i>Redox Biology</i> , 2019, 22, 101081.	3.9	16
581	Molecular and Nonmolecular Magnetic Resonance Coronary and Carotid Imaging. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 569-582.	1.1	13
582	Real-time Volumetric Assessment of the Human Carotid Artery: Handheld Multispectral Optoacoustic Tomography. <i>Radiology</i> , 2019, 291, 45-50.	3.6	66
583	Delineation of Human Carotid Plaque Features <itali>In Vivo</itali> by Exploiting Displacement Variance. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2019, 66, 481-492.	1.7	21
584	Nonlinear Wave Dynamics of Unstable Atherosclerotic Plaque. , 2019, , .		2
585	Effect of combined testing of ceramides with high-sensitive troponin T on the detection of acute coronary syndrome in patients with chest pain in China: a prospective observational study. <i>BMJ Open</i> , 2019, 9, e028211.	0.8	13
586	Unstable Atherosclerotic Plaque Detection and Preliminary Classification of Its States with Transcutaneous Ultrasound Vibrodiagnostics. , 2019, , .		1
587	Obstructive sleep apnoea in acute coronary syndrome. <i>European Respiratory Review</i> , 2019, 28, 180114.	3.0	21
588	Concept of Measurement and Information System for Computer Vibrodiagnostics of Atherosclerosis. , 2019, , .		1
589	The atheroprotective roles of heart-protecting musk pills against atherosclerosis development in apolipoprotein E-deficient mice. <i>Annals of Translational Medicine</i> , 2019, 7, 714-714.	0.7	6
590	Atherosclerotic plaque mechanical characterization coupled with vector Doppler imaging in atherosclerotic carotid arteries in-vivo. , 2019, 2019, 6200-6203.		3
591	Impact of Coronary Plaque Vulnerability on Acute Cardiovascular Events â€œ Design of a CT-based 2-year Follow-up Study. <i>Journal of Interdisciplinary Medicine</i> , 2019, 4, 64-71.	0.1	4
592	Single-cell immune landscape of human atherosclerotic plaques. <i>Nature Medicine</i> , 2019, 25, 1576-1588.	15.2	540
593	NEAT1 contributes to oxâ€LDLâ€induced inflammation and oxidative stress in macrophages through inhibiting miRâ€128. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 2493-2501.	1.2	55
594	Interoperator Reproducibility of Carotid Elastography for Identification of Vulnerable Atherosclerotic Plaques. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2019, 66, 505-516.	1.7	15

#	ARTICLE	IF	CITATIONS
595	Development of sustained-release pellets to modulate the in vivo processes of the main active components of Danshen: A pharmacokinetic and pharmacodynamic evaluation. <i>Phytomedicine</i> , 2019, 58, 152793.	2.3	9
596	Recent advances in therapeutic targeting of inflammation in atherosclerosis. <i>Journal of Vascular Surgery</i> , 2019, 69, 944-951.	0.6	23
597	Targeting epigenetics and non-coding RNAs in atherosclerosis: from mechanisms to therapeutics. , 2019, 196, 15-43.		110
598	Pulse Wave Imaging in Carotid Artery Stenosis Human Patients in Vivo. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 353-366.	0.7	24
599	Investigation of the Underlying Genes and Mechanism of Macrophage-Enriched Ruptured Atherosclerotic Plaques Using Bioinformatics Method. <i>Journal of Atherosclerosis and Thrombosis</i> , 2019, 26, 636-658.	0.9	25
600	Immunity and Inflammation in Atherosclerosis. <i>Circulation Research</i> , 2019, 124, 315-327.	2.0	972
601	LncRNA UCA1 sponges miRâ€206 to exacerbate oxidative stress and apoptosis induced by oxâ€LDL in human macrophages. <i>Journal of Cellular Physiology</i> , 2019, 234, 14154-14160.	2.0	31
602	Genetic Risk, Adherence to a Healthy Lifestyle, and Ischemic Heart Disease. <i>Current Cardiology Reports</i> , 2019, 21, 1.	1.3	37
603	Threeâ€Dimensional Subharmonic Aided Pressure Estimation for Assessing Arterial Plaques in a Rabbit Model. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 1865-1873.	0.8	4
604	Comparative Quantification of Arterial Lipid by Intravascular Photoacoustic-Ultrasound Imaging and Near-Infrared Spectroscopy-Intravascular Ultrasound. <i>Journal of Cardiovascular Translational Research</i> , 2019, 12, 211-220.	1.1	15
605	Blockade of NEAT1 represses inflammation response and lipid uptake via modulating miRâ€342â€3p in human macrophages THPâ€1 cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 5319-5326.	2.0	89
606	Colony stimulating factors (CSFs): Complex roles in atherosclerosis. <i>Cytokine</i> , 2019, 122, 154190.	1.4	11
607	A Machine Learning-Based Method for Intracoronary OCT Segmentation and Vulnerable Coronary Plaque Cap Thickness Quantification. <i>International Journal of Computational Methods</i> , 2019, 16, 1842008.	0.8	15
608	Biomechanical Stress Profiling of Coronary Atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 804-816.	2.3	32
609	Strategy for postmortem diagnosis of myocardial infarction. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 476, 177-178.	1.4	2
612	Coronary artery disease and restenosis after peripheral endovascular intervention are predictors of poor outcome in peripheral arterial disease. <i>Acta Cardiologica</i> , 2020, 75, 649-656.	0.3	5
613	Macrophage autophagy regulates mitochondriaâ€mediated apoptosis and inhibits necrotic core formation in vulnerable plaques. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 260-275.	1.6	22
614	Feasibility and Clinical Significance of In Vivo Cholesterol Crystal Detection Using Optical Coherence Tomography. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 220-229.	1.1	27

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615	Imaging Inflammation in Atherosclerosis with CXCR4-Directed ⁶⁸ Ga-Pentixafor PET/CT: Correlation with ¹⁸ F-FDG PET/CT. <i>Journal of Nuclear Medicine</i> , 2020, 61, 751-756.	2.8	45
616	Simultaneous assessment of plaque morphology, cerebral micro-embolic signal status and platelet biomarkers in patients with recently symptomatic and asymptomatic carotid stenosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2201-2214.	2.4	3
617	Arterial wall mechanical inhomogeneity detection and atherosclerotic plaque characterization using high frame rate pulse wave imaging in carotid artery disease patients <i>in vivo</i> . <i>Physics in Medicine and Biology</i> , 2020, 65, 025010.	1.6	17
618	PCSK6 Is a Key Protease in the Control of Smooth Muscle Cell Function in Vascular Remodeling. <i>Circulation Research</i> , 2020, 126, 571-585.	2.0	38
619	Correlation between risk factors of cerebrovascular disease and calcified plaque characteristics in patients with atherosclerotic severe carotid stenosis. <i>Neurological Research</i> , 2020, 42, 83-89.	0.6	4
620	Fasting serum total bile acid level is associated with coronary artery disease, myocardial infarction and severity of coronary lesions. <i>Atherosclerosis</i> , 2020, 292, 193-200.	0.4	41
621	Hydrophobically assembled nanoparticles. , 2020, , 325-347.		1
622	Vessel wall MR imaging for the detection of intracranial inflammatory vasculopathies. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1108-1119.	0.7	27
623	Computed Histological Quantification of Atherosclerotic Plaque Microcalcifications. <i>Angiology</i> , 2020, 71, 916-919.	0.8	6
624	Establishing the Link Between Coronary Microvascular Disease and Cardiomyocyte Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2815-2817.	1.1	0
625	siRNA nanoparticles targeting CaMKII β in lesional macrophages improve atherosclerotic plaque stability in mice. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	132
626	Parallel Murine and Human Plaque Proteomics Reveals Pathways of Plaque Rupture. <i>Circulation Research</i> , 2020, 127, 997-1022.	2.0	17
627	¹⁸ F-Fluorodeoxyglucose-Positron Emission Tomography Imaging Detects Response to Therapeutic Intervention and Plaque Vulnerability in a Murine Model of Advanced Atherosclerotic Disease—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2821-2828.	1.1	10
628	Elevated Lp(a) (Lipoprotein[a]) Levels Increase Risk of 30-Day Major Adverse Cardiovascular Events in Patients Following Carotid Endarterectomy. <i>Stroke</i> , 2020, 51, 2972-2982.	1.0	16
629	Carotid Plaque Fibrous Cap Thickness Measurement by ARFI Variance of Acceleration: In Vivo Human Results. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 4383-4390.	5.4	7
630	TL1A inhibits atherosclerosis in apoE-deficient mice by regulating the phenotype of vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 16314-16327.	1.6	21
631	Modelling the linkage between influenza infection and cardiovascular events via thrombosis. <i>Scientific Reports</i> , 2020, 10, 14264.	1.6	6
632	Considerations on PET/MR imaging of carotid plaque inflammation with ⁶⁸ Ga-Pentixafor. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 503-505.	1.4	1

#	ARTICLE	IF	CITATIONS
633	Studying the Factors of Human Carotid Atherosclerotic Plaque Rupture, by Calculating Stress/Strain in the Plaque, Based on CEUS Images: A Numerical Study. <i>Frontiers in Neuroinformatics</i> , 2020, 14, 596340.	1.3	6
634	Nanoparticle-Based Approaches towards the Treatment of Atherosclerosis. <i>Pharmaceutics</i> , 2020, 12, 1056.	2.0	24
635	Coronary Artery Disease and The Evolution of Angioplasty Devices. <i>SpringerBriefs in Materials</i> , 2020, , .	0.1	0
636	Clinical significance of healed plaque detected by optical coherence tomography: a 2-year follow-up study. <i>Journal of Thrombosis and Thrombolysis</i> , 2020, 50, 895-902.	1.0	17
637	Antithrombotic treatment of asymptomatic carotid atherosclerosis: a medical dilemma. <i>Internal and Emergency Medicine</i> , 2020, 15, 1169-1181.	1.0	7
638	Quantification of Atherosclerotic Plaque Elasticity Using Ultrasonic Texture Matching. <i>IEEE Access</i> , 2020, 8, 94268-94278.	2.6	1
639	Mechanical and structural properties of different types of human aortic atherosclerotic plaques. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 109, 103837.	1.5	12
640	IL-6-targeted ultrasmall superparamagnetic iron oxide nanoparticles for optimized MRI detection of atherosclerotic vulnerable plaques in rabbits. <i>RSC Advances</i> , 2020, 10, 15346-15353.	1.7	8
641	Clinical Predictors of Coronary Artery Plaque Progression by Quantitative Serial Assessment Using 320-Row Computed Tomography Coronary Angiography in Asymptomatic Patients with Type 2 Diabetes Mellitus. <i>Journal of Cardiology</i> , 2020, 76, 378-384.	0.8	2
642	Computational study on phase lag of arterial-wall motion for assessment of plaque vulnerability. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020, 234, 517-526.	1.0	1
643	Neural reflex control of vascular inflammation. <i>Bioelectronic Medicine</i> , 2020, 6, 3.	1.0	4
644	Stress-Relaxation and Cyclic Behavior of Human Carotid Plaque Tissue. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 60.	2.0	4
645	The protective role of DPP4 inhibitors in atherosclerosis. <i>European Journal of Pharmacology</i> , 2020, 875, 173037.	1.7	24
646	Exercise-Related Acute Cardiovascular Events and Potential Deleterious Adaptations Following Long-Term Exercise Training: Placing the Risks Into Perspectiveâ€“An Update: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2020, 141, e705-e736.	1.6	172
647	The hepatitis B core antibody positive/hepatitis B surface antigen negative pattern is associated with the increased risk of intracranial atherosclerotic stenosis. <i>Medicine (United States)</i> , 2020, 99, e18752.	0.4	0
648	Should fractional flow reserve follow angiographic visual inspection to guide preventive percutaneous coronary intervention in ST-elevation myocardial infarction?. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2020, 6, 186-192.	1.8	15
649	Innovators in atherosclerosis research: A historical review. <i>International Journal of Cardiology</i> , 2020, 307, 8-14.	0.8	6
650	Collagenaseâ€“Cleavable Peptide Amphiphile Micelles as a Novel Theranostic Strategy in Atherosclerosis. <i>Advanced Therapeutics</i> , 2020, 3, 1900196.	1.6	18

#	ARTICLE	IF	CITATIONS
651	Oleylethanolamide stabilizes atherosclerotic plaque through regulating macrophage polarization via AMPK-PPAR α pathway. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 308-316.	1.0	13
652	Geometry of the Carotid Artery and Its Association With Pathologic Changes in a Chinese Population. <i>Frontiers in Physiology</i> , 2019, 10, 1628.	1.3	9
653	HIF-1 α (Hypoxia-Inducible Factor-1 α) Promotes Macrophage Necroptosis by Regulating miR-210 and miR-383. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 583-596.	1.1	64
654	Current Advances in the Diagnostic Imaging of Atherosclerosis: Insights into the Pathophysiology of Vulnerable Plaque. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2992.	1.8	45
655	Aptamer-modified FXa generation assays to investigate hypercoagulability in plasma from patients with ischemic heart disease. <i>Thrombosis Research</i> , 2020, 189, 140-146.	0.8	6
656	Predictors for layered coronary plaques: an optical coherence tomography study. <i>Journal of Thrombosis and Thrombolysis</i> , 2020, 50, 886-894.	1.0	14
657	The relationship between residual cholesterol risk and plaque characteristics in patients with acute coronary syndrome: Insights from an optical coherence tomography study. <i>Atherosclerosis</i> , 2021, 317, 10-15.	0.4	6
658	Association between food and nutrients intakes and coronary plaque vulnerability in patients with coronary heart disease: An optical coherence tomography study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 201-208.	1.1	4
659	Impact of clinical presentations on lipid core plaque assessed by near-infrared spectroscopy intravascular ultrasound. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1151-1158.	0.7	3
660	Anatomic and Flow Characteristics of Left Anterior Descending Coronary Artery Angiographic Stenoses Predisposing to Myocardial Infarction. <i>American Journal of Cardiology</i> , 2021, 141, 7-15.	0.7	1
661	Resistin: Potential biomarker and therapeutic target in atherosclerosis. <i>Clinica Chimica Acta</i> , 2021, 512, 84-91.	0.5	39
662	Optical Coherence Tomography Predictors for a Favorable Vascular Response to Statin Therapy. <i>Journal of the American Heart Association</i> , 2021, 10, e018205.	1.6	5
663	The Interplay between Features of Plaque Vulnerability and Hemodynamic Relevance of Coronary Artery Stenoses. <i>Cardiology</i> , 2021, 146, 1-10.	0.6	3
665	Clinical significance of microvessels detected by in vivo optical coherence tomography within human atherosclerotic coronary arterial intima: a study with multimodality intravascular imagings. <i>Heart and Vessels</i> , 2021, 36, 756-765.	0.5	8
666	Cervical Carotid Plaque MRI. <i>Clinical Neuroradiology</i> , 2021, 31, 295-306.	1.0	12
667	Molecular Imaging of Vulnerable Plaque. , 2021, , 73-107.		0
668	Review of imaging biomarkers for the vulnerable carotid plaque. <i>JVS Vascular Science</i> , 2021, 2, 149-158.	0.4	28
669	Carotid artery stenosis “ Current evidence and treatment recommendations. <i>Clinical and Translational Neuroscience</i> , 2021, 5, 2514183X2110016.	0.4	3

#	ARTICLE	IF	CITATIONS
670	Arteriosclerose, aterosclerose, arteriolosclerose e esclerose calcificante da máçdia de Monckeberg: qual a diferençãsa?. <i>Jornal Vascular Brasileiro</i> , 2021, 20, e20200211.	0.1	12
671	Coronary Heart Disease and Myocardial Ischemia. , 2022, , 389-412.		1
672	Emergent biomechanical factors predicting vulnerable coronary atherosclerotic plaque rupture. , 2021, , 361-380.		4
673	Nuclear Medicine Imaging in Chronic Inflammatory Diseases. , 2021, , 293-330.		0
675	From the vulnerable plaque to the vulnerable patient: Current concepts in atherosclerosis. <i>British Journal of Pharmacology</i> , 2021, 178, 2165-2167.	2.7	0
676	High Coronary Wall Shear Stress Worsens Plaque Vulnerability: A Systematic Review and Meta-Analysis. <i>Angiology</i> , 2021, 72, 706-714.	0.8	9
677	CXCR4-Binding Positron Emission Tomography Tracers Link Monocyte Recruitment and Endothelial Injury in Murine Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 822-836.	1.1	13
678	Analysis of MicroRNAs Associated With Carotid Atherosclerotic Plaque Rupture With Thrombosis. <i>Frontiers in Genetics</i> , 2021, 12, 599350.	1.1	4
679	The tandem stenosis mouse model: Towards understanding, imaging, and preventing atherosclerotic plaque instability and rupture. <i>British Journal of Pharmacology</i> , 2022, 179, 979-997.	2.7	14
680	The THE ANTICHOLESTEROL ACTIVITY OF BETULINIC ACID AND STIGMASTEROL ISOLATED FROM THE LEAVES OF SUNGKAI (PARONEMA CANESCENS JACK). <i>International Journal of Applied Pharmaceutics</i> , 0, , 198-203.	0.3	1
681	The Napkin-Ring Sign â€“ the Story Behind Invasive Coronary Angiography. <i>Journal of Interdisciplinary Medicine</i> , 2021, 6, 8-14.	0.1	1
682	In-vivo mechanical characterization of coronary atherosclerotic plaques in living swine using intravascular laser speckle imaging. <i>Biomedical Optics Express</i> , 2021, 12, 2064.	1.5	6
683	Sexual Assault and Carotid Plaque Among Midlife Women. <i>Journal of the American Heart Association</i> , 2021, 10, e017629.	1.6	10
684	Cardiovascular risk stratification by coronary computed tomography angiography imaging: current state-of-the-art. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 608-624.	0.8	20
686	Preclinical techniques to investigate exercise training in vascular pathophysiology. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1566-H1600.	1.5	6
687	Ficolin-2 serum levels predict the occurrence of acute coronary syndrome in patients with severe carotid artery stenosis. <i>Pharmacological Research</i> , 2021, 166, 105462.	3.1	10
688	The pleiotropic effects of antithrombotic drugs in the metabolicâ€“cardiovascularâ€“neurodegenerative disease continuum: impact beyond reduced clotting. <i>Clinical Science</i> , 2021, 135, 1015-1051.	1.8	9
689	Predicting plaque vulnerability change using intravascular ultrasound+â€“optical coherence tomography image-based fluidâ€“structure interaction models and machine learning methods with patient follow-up data: a feasibility study. <i>BioMedical Engineering OnLine</i> , 2021, 20, 34.	1.3	10

#	ARTICLE	IF	CITATIONS
690	Scan-rescan measurement repeatability of 18F-FDG PET/MR imaging of vascular inflammation. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1660-1670.	1.4	5
691	The risk of carotid plaque instability in patients with metabolic syndrome is higher in women with hypertriglyceridemia. <i>Cardiovascular Diabetology</i> , 2021, 20, 98.	2.7	8
692	Ultrasound image reconstruction from plane wave radio-frequency data by self-supervised deep neural network. <i>Medical Image Analysis</i> , 2021, 70, 102018.	7.0	46
693	Recent Advances in Transducers for Intravascular Ultrasound (IVUS) Imaging. <i>Sensors</i> , 2021, 21, 3540.	2.1	54
694	Proteoglycan 4 Modulates Osteogenic Smooth Muscle Cell Differentiation during Vascular Remodeling and Intimal Calcification. <i>Cells</i> , 2021, 10, 1276.	1.8	9
695	Intravascular ultrasound-based deep learning for plaque characterization in coronary artery disease. <i>Atherosclerosis</i> , 2021, 324, 69-75.	0.4	23
696	Predicting Gene Expression From Computed Tomography Angiography. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1751-1752.	1.1	1
697	Screening and identification of potential protein biomarkers for the early diagnosis of acute myocardial infarction. <i>Annals of Translational Medicine</i> , 2021, 9, 743-743.	0.7	4
698	Challenges in Utilizing CT Coronary Angiography and CT Calcium Scoring to Determine Aeromedical Fitness for Aircrew: A Tale of 3 CTs. <i>Current Problems in Cardiology</i> , 2021, , 100906.	1.1	0
699	Allosteric MAPKAPK2 inhibitors improve plaque stability in advanced atherosclerosis. <i>PLoS ONE</i> , 2021, 16, e0246600.	1.1	1
700	Engineering micelles for the treatment and diagnosis of atherosclerosis. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102473.	1.4	8
701	Monocyte-Chemoattractant Protein-1 Levels in Human Atherosclerotic Lesions Associate With Plaque Vulnerability. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2038-2048.	1.1	48
702	The Evaluation of Left Ventricle Ischemic Extent in Patients with Significantly Suspicious Cardiovascular Disease by 99mTc-Sestamibi Dynamic SPECT/CT and Myocardial Perfusion Imaging: A Head-to-Head Comparison. <i>Diagnostics</i> , 2021, 11, 1101.	1.3	3
703	Transfer of exosomal microRNA-203-3p from dendritic cells to bone marrow-derived macrophages reduces development of atherosclerosis by downregulating Ctss in mice. <i>Aging</i> , 2021, 13, 15638-15658.	1.4	18
704	Results of studying pro- and anti-atherogenic immune factors in the persons chronically exposed to ionising radiation. <i>Medical Immunology (Russia)</i> , 2021, 23, 533-540.	0.1	0
705	High-Risk Coronary Plaque Regression After Intensive Lifestyle Intervention in Nonobstructive Coronary Disease. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1192-1202.	2.3	37
706	Fibrin Clot Properties in Atherosclerotic Vascular Disease: From Pathophysiology to Clinical Outcomes. <i>Journal of Clinical Medicine</i> , 2021, 10, 2999.	1.0	27
707	<i>APOL1</i> Genetic Variants Are Associated With Increased Risk of Coronary Atherosclerotic Plaque Rupture in the Black Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2201-2214.	1.1	8

#	ARTICLE	IF	CITATIONS
708	Peptidylarginine Deiminase 4 as a Possible Biomarker of Plaque Instability in Carotid Artery Stenosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105816.	0.7	12
709	Glucocorticoids: Fuelling the Fire of Atherosclerosis or Therapeutic Extinguishers?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7622.	1.8	31
710	New insight into biology, molecular diagnostics and treatment options of unstable carotid atherosclerotic plaque: a narrative review. <i>Annals of Translational Medicine</i> , 2021, 9, 1207-1207.	0.7	16
711	Roadmap Consensus on Carotid Artery Plaque Imaging and Impact on Therapy Strategies and Guidelines: An International, Multispecialty, Expert Review and Position Statement. <i>American Journal of Neuroradiology</i> , 2021, 42, 1566-1575.	1.2	25
712	Warfarin Treatment Is Associated to Increased Internal Carotid Artery Calcification. <i>Frontiers in Neurology</i> , 2021, 12, 696244.	1.1	5
713	Cardiovascular Diseases: Consider Netosis. <i>Current Problems in Cardiology</i> , 2022, 47, 100929.	1.1	10
714	Shear-Wave Elastography Enables Identification of Unstable Carotid Plaque. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1704-1710.	0.7	7
715	Understanding the predictive value and methods of risk assessment based on coronary computed tomographic angiography in populations with coronary artery disease: a review. <i>Precision Clinical Medicine</i> , 2021, 4, 192-203.	1.3	0
716	Sex Differences in Intracoronary Imaging and Functional Evaluation of Coronary Arteries. <i>Current Cardiovascular Imaging Reports</i> , 2021, 14, 1.	0.4	1
717	Correlation Between Calcification Characteristics of Carotid Atherosclerotic Plaque and Plaque Vulnerability. <i>Therapeutics and Clinical Risk Management</i> , 2021, Volume 17, 679-690.	0.9	8
718	Mechanisms underlying the therapeutic potential of mesenchymal stem cells in atherosclerosis. <i>Regenerative Medicine</i> , 2021, 16, 669-682.	0.8	14
719	The composition of vulnerable plaque and its effect on arterial waveforms. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 119, 104491.	1.5	2
720	Interpreting myocardial infarction analyses in ISCHEMIA: separating facts from fallacy. <i>European Heart Journal</i> , 2021, 42, 2986-2989.	1.0	2
721	Intravascular ultrasound insights into the unstable features of the coronary atherosclerotic plaques: A systematic review and meta-analysis. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13671.	1.7	9
722	Single cell analyses to understand the immune continuum in atherosclerosis. <i>Atherosclerosis</i> , 2021, 330, 85-94.	0.4	18
723	Dead cell and debris clearance in the atherosclerotic plaque: Mechanisms and therapeutic opportunities to promote inflammation resolution. <i>Pharmacological Research</i> , 2021, 170, 105699.	3.1	16
724	Automatic Classification of A-Lines in Intravascular OCT Images Using Deep Learning and Estimation of Attenuation Coefficients. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7412.	1.3	4
725	Predictors of Rapid Plaque Progression. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1628-1638.	2.3	51

#	ARTICLE	IF	CITATIONS
726	Feasibility of longitudinal monitoring of atherosclerosis with pulse wave imaging in a swine model. <i>Physiological Measurement</i> , 2021, 42, 105008.	1.2	4
727	Feasibility of In Vivo Imaging of Fibroblast Activation Protein in Human Arterial Walls. <i>Journal of Nuclear Medicine</i> , 2022, 63, 948-951.	2.8	22
728	Formation and Cellular Impact of Cholesterol Crystals in Health and Disease. <i>Advanced Biology</i> , 2021, 5, e2100638.	1.4	4
729	Another Notch in the Cap. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2384-2386.	1.1	1
730	Carotid Plaque Phenotyping by Correlating Plaque Morphology from Computed Tomography Angiography with Transcriptional Profiling. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 62, 716-726.	0.8	14
731	Hypercholesterolemia Impairs Clearance of Neutrophil Extracellular Traps and Promotes Inflammation and Atherosclerotic Plaque Progression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2598-2615.	1.1	16
732	Characteristics of atherosclerosis in femoropopliteal artery and its clinical relevance. <i>Atherosclerosis</i> , 2021, 335, 31-40.	0.4	13
733	Keeping zombies alive: The ER-mitochondria Ca ²⁺ transfer in cellular senescence. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119099.	1.9	18
734	High-resolution intravascular magnetic resonance imaging of the coronary artery wall at 3.0 Tesla: toward evaluation of atherosclerotic plaque vulnerability. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 4522-4529.	1.1	4
735	Red Blood Cell Morphodynamics: A New Potential Marker in High-Risk Patients. <i>Frontiers in Physiology</i> , 2020, 11, 603633.	1.3	5
737	Diet alters age-related remodeling of aortic collagen in mice susceptible to atherosclerosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H52-H65.	1.5	5
738	Atherogenesis: The Development of Stable and Unstable Plaques. , 2017, , 21-37.		3
739	Tandem Stenosis to Induce Atherosclerotic Plaque Instability in the Mouse. <i>Methods in Molecular Biology</i> , 2015, 1339, 333-338.	0.4	10
740	Ischaemic Heart Disease. , 2019, , 137-151.		1
741	IL-6 promotes cell adhesion in human endothelial cells via microRNA-126 suppression. <i>Experimental Cell Research</i> , 2020, 393, 112094.	1.2	13
742	Cardiovascular Molecular Imaging. , 2015, , 601-636.		1
746	Framework to Co-register Longitudinal Virtual Histology-Intravascular Ultrasound Data in the Circumferential Direction. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1989-1996.	5.4	20
747	Dual-modality optical coherence tomography and frequency-domain fluorescence lifetime imaging microscope system for intravascular imaging. <i>Journal of Biomedical Optics</i> , 2020, 25, .	1.4	10

#	ARTICLE	IF	CITATIONS
748	Role of sphingolipids in senescence: implication in aging and age-related diseases. <i>Journal of Clinical Investigation</i> , 2018, 128, 2702-2712.	3.9	125
749	Genetic and Pharmacological Modifications of Thrombin Formation in Apolipoprotein E-deficient Mice Determine Atherosclerosis Severity and Atherothrombosis Onset in a Neutrophil-Dependent Manner. <i>PLoS ONE</i> , 2013, 8, e55784.	1.1	111
750	A New Synthetic FGF Receptor Antagonist Inhibits Arteriosclerosis in a Mouse Vein Graft Model and Atherosclerosis in Apolipoprotein E-Deficient Mice. <i>PLoS ONE</i> , 2013, 8, e80027.	1.1	9
751	Intravascular Optical-Resolution Photoacoustic Tomography with a 1.1 mm Diameter Catheter. <i>PLoS ONE</i> , 2014, 9, e92463.	1.1	103
752	The Effects of the Mediterranean Diet on Biomarkers of Vascular Wall Inflammation and Plaque Vulnerability in Subjects with High Risk for Cardiovascular Disease. A Randomized Trial. <i>PLoS ONE</i> , 2014, 9, e100084.	1.1	182
753	Autophagic Marker MAP1LC3B Expression Levels Are Associated with Carotid Atherosclerosis Symptomatology. <i>PLoS ONE</i> , 2014, 9, e115176.	1.1	39
754	Elevated Uptake of Plasma Macromolecules by Regions of Arterial Wall Predisposed to Plaque Instability in a Mouse Model. <i>PLoS ONE</i> , 2014, 9, e115728.	1.1	8
755	Effects of High Fat Feeding and Diabetes on Regression of Atherosclerosis Induced by Low-Density Lipoprotein Receptor Gene Therapy in LDL Receptor-Deficient Mice. <i>PLoS ONE</i> , 2015, 10, e0128996.	1.1	30
756	Hepatic Overexpression of Soluble Urokinase Receptor (uPAR) Suppresses Diet-Induced Atherosclerosis in Low-Density Lipoprotein Receptor-Deficient (LDLR ^{-/-}) Mice. <i>PLoS ONE</i> , 2015, 10, e0131854.	1.1	3
757	The Effect of Statin Therapy on Coronary Plaque Composition Using Virtual Histology Intravascular Ultrasound: A Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0133433.	1.1	12
758	Loss of SPRR3 in ApoE ^{-/-} mice leads to atheroma vulnerability through Akt dependent and independent effects in VSMCs. <i>PLoS ONE</i> , 2017, 12, e0184620.	1.1	2
759	Consideration of stiffness of wall layers is decisive for patient-specific analysis of carotid artery with atheroma. <i>PLoS ONE</i> , 2020, 15, e0239447.	1.1	5
760	Restoring Immune Tolerance in Atherosclerosis: Role of Regulatory Immune Response in Atheroprotection.. <i>Global Journal of Immunology and Allergic Diseases</i> , 2015, 2, 32-44.	0.7	1
761	Quantitative Evaluation of Lipid Volume Fraction in Atherosclerotic Plaque Phantoms by Near-infrared Multispectral Imaging at Wavelengths around 1200 nm. <i>Advanced Biomedical Engineering</i> , 2015, 4, 158-163.	0.4	6
762	Necrosis Avidity of Organic Compounds: A Natural Phenomenon with Exploitable Theragnostic Potentials. <i>Current Medicinal Chemistry</i> , 2015, 22, 1829-1849.	1.2	12
763	Update on the Role of Neutrophils in Atherosclerotic Plaque Vulnerability. <i>Current Drug Targets</i> , 2015, 16, 321-333.	1.0	36
764	Cardiovascular Risk in Rheumatoid Arthritis and Mechanistic Links: From Pathophysiology to Treatment. <i>Current Vascular Pharmacology</i> , 2020, 18, 431-446.	0.8	21
765	The Immune Protective Effect of the Mediterranean Diet against Chronic Low-grade Inflammatory Diseases. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2014, 14, 245-254.	0.6	215

#	ARTICLE	IF	CITATIONS
766	Morphological Features and Plaque Composition in Culprit Atheromatous Plaques of Patients with Acute Coronary Syndromes. <i>Journal of Cardiovascular Emergencies</i> , 2018, 4, 84-94.	0.1	3
768	The Relationship between Coronary Artery Wall Shear Strain and Plaque Morphology: A Systematic Review and Meta-Analysis. <i>Diagnostics</i> , 2020, 10, 91.	1.3	13
769	A peripheral blood gene expression score is associated with plaque volume and phenotype by intravascular ultrasound with radiofrequency backscatter analysis: results from the ATLANTA study. <i>Cardiovascular Diagnosis and Therapy</i> , 2013, 3, 5-14.	0.7	9
770	Nanoimaging in cardiovascular diseases: Current state of the art. <i>Indian Journal of Medical Research</i> , 2015, 141, 285.	0.4	25
771	Systematic Analysis of Integrated Gene Functional Network of Four Chronic Stress-related Lifestyle Disorders. <i>Genome Integrity</i> , 2015, 6, 1.	1.0	5
772	Intervention effects of atorvastatin combined with Panax notoginseng saponins on rats with atherosclerosis complicated with hepatic injury. <i>Pharmacognosy Magazine</i> , 2017, 13, 430.	0.3	14
773	Regulated RIPK3 Necroptosis is Produced in Cardiovascular Tissues and Cells in Dietary Magnesium Deficiency: Roles of Cytokines and Their Potential Importance in Inflammation and Atherogenesis. <i>Journal of Medical & Surgical Pathology</i> , 2017, 02, .	0.2	4
774	Characteristics and significance of healed plaques in patients with acute coronary syndrome and stable angina: an in vivo OCT and IVUS study. <i>EuroIntervention</i> , 2019, 15, e771-e778.	1.4	29
775	Detection of optical coherence tomography-defined thin-cap fibroatheroma in the coronary artery using deep learning. <i>EuroIntervention</i> , 2020, 16, 404-412.	1.4	18
776	Hybrid intravascular imaging: the key for a holistic evaluation of plaque pathology. <i>EuroIntervention</i> , 2014, 10, 296-298.	1.4	4
777	Angina pectoris in patients without flow-limiting coronary artery disease (cardiac syndrome X). A forest of a variety of trees. <i>Cardiology Journal</i> , 2015, 22, 605-612.	0.5	5
778	Optical Coherence Tomography and Coronary Plaque Characterization. <i>Journal of the Japanese Coronary Association</i> , 2013, 19, 307-314.	0.0	2
779	Stage-Dependent Impact of RIPK1 Inhibition on Atherogenesis: Dual Effects on Inflammation and Foam Cell Dynamics. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 715337.	1.1	6
780	Relationship of high-intensity plaques on T1-weighted magnetic resonance imaging with coronary intraplaque hemorrhage: A directional coronary atherectomy study. <i>American Heart Journal Plus</i> , 2021, 10, 100047.	0.3	0
781	Clinical Molecular Imaging for Atherosclerotic Plaque. <i>Journal of Imaging</i> , 2021, 7, 211.	1.7	8
782	Progress of Molecular Imaging in Vulnerable Atherosclerosis Plaque. <i>Sheng Wu Wu Li Hsueh Bao</i> , 2011, 27, 319-326.	0.1	0
783	Biomarkers and Coronary Atherosclerotic Burden and Activity as Assessed by Coronary Angiography and Intra-Coronary Imaging Modalities. , 0, , .		0
784	Molecular Imaging of Vascular Inflammation, Atherosclerosis, and Thrombosis. , 2012, , 129-166.		0

#	ARTICLE	IF	CITATIONS
785	Casus 38 " Antwoord. , 2012, , 112-113.		0
786	Atherosclerotic Factors in PR3 Pulmonary Vasculitis. <i>Advances in Experimental Medicine and Biology</i> , 2013, 755, 283-286.	0.8	0
787	Heart rate, coronary artery disease and plaque rupture - myth, hype, or truth?. <i>Swiss Medical Weekly</i> , 2012, 142, w13661.	0.8	2
788	<i>Blood Vessels.</i> , 2013, , 327-363.		1
789	Adventitial Inflammation of the Coronary Arteries in Patients, with and without Diabetes Mellitus, Who Died of Acute Coronary Disease: A Reliable Marker of Active, Progressive, Atherosclerotic Disease. <i>Journal of Clinical & Experimental Cardiology</i> , 2013, 01, .	0.0	1
790	<i>Nuclear Medicine Imaging in Chronic Inflammatory Diseases.</i> , 2013, , 289-331.		0
791	Demographic Data and BMI Associated with Serum Total Cholesterol in Sudanese Population. <i>Journal of Physiobiochemical Metabolism</i> , 2013, 02, .	0.1	0
792	A STUDY OF RISK FACTORS IN MYOCARDIAL INFARCTION IN TRIBAL POPULATION. <i>Journal of Evolution of Medical and Dental Sciences</i> , 2013, 2, 3746-3755.	0.1	0
793	<i>Atherothrombosis.</i> , 2014, , 1-30.		0
794	<i>Acute cardiac syndromes, investigations and interventions.</i> , 2014, , 167-190.e4.		0
795	Plaque Evaluation by Coronary CT Angiography. <i>Journal of the Japanese Coronary Association</i> , 2014, 20, 273-281.	0.0	0
796	Relation between Coronary Lesions and Cigarette Smoking of Subjects Deceased from Acute Myocardial Infarction. A Histopathological Study. <i>Journal of Cardiobiology</i> , 2014, 2, .	1.0	10
798	<i>Plaque Morphology Evaluation by CT.</i> , 2015, , 73-89.		0
799	Clinical Significance of Non-invasive Magnetic Resonance Imaging to Identify High-risk Coronary Plaques as Potential Biomarkers for Preemptive Medicine. <i>Journal of the Japanese Coronary Association</i> , 2015, 21, 278-286.	0.0	1
800	<i>Vulnerable Plaque.</i> , 2015, , 79-88.		0
801	Clinical Applications of Intracoronary OCT (Invited Paper). <i>Korean Journal of Optics and Photonics</i> , 2015, 26, 1-8.	0.1	0
802	<i>Cardiac Pathology.</i> , 2016, , 253-273.		0
803	<i>Atherosclerotic Vascular Disease and Periodontal Disease.</i> , 2016, , 39-51.		1

#	ARTICLE	IF	CITATIONS
804	Cardiac Imaging of Platelets and Inflammation. Cardiac and Vascular Biology, 2017, , 1-13.	0.2	0
806	Positive Remodeling as a Biomarker of Plaque Vulnerability “ at the Border Between Invasive and Noninvasive Assessment. Journal of Interdisciplinary Medicine, 2017, 2, 27-30.	0.1	1
808	The Prevalence of Acute Myocardial Infarction (AMI) in Taif City Province and Its Participating Factors. The Egyptian Journal of Hospital Medicine, 2018, 70, 1826-1833.	0.0	0
809	Not Everything that Shines is Calcium. Arquivos Brasileiros De Cardiologia, 2018, 110, 428-429.	0.3	0
810	The Usefulness of Ryusei<sup>®</sup> Perfusion Balloon for Treating Acute Coronary Syndrome with Vulnerable Plaque. World Journal of Cardiovascular Diseases, 2019, 09, 69-80.	0.0	1
811	Intraplaque haemorrhage detection using single-wavelength PAI and singular value decomposition in the carotid artery. , 2019, , .		0
813	Noninvasive Functional Characterization of Coronary Plaques by Coronary Computed Tomography “ Beyond the Morphology of Vulnerable Plaques. Journal of Interdisciplinary Medicine, 2019, 4, 132-135.	0.1	2
814	Noninvasive Imaging Biomarkers of Vulnerable Coronary Plaques “ a Clinical Update. Journal of Interdisciplinary Medicine, 2019, 4, 136-140.	0.1	1
815	Plaque Erosion. , 2020, , 79-89.		0
816	Future Development. , 2020, , 175-191.		1
817	Advances in Multi-frequency Intravascular Ultrasound (IVUS). , 2020, , 11-55.		0
818	Intravascular Photoacoustic Imaging of Lipid-Laden Plaques: From Fundamental Concept Toward Clinical Translation. , 2020, , 81-104.		4
819	Coronary Plaque Types: Thin Cap Fibroatheroma, Healed Plaque, Calcified Plaque. , 2020, , 67-77.		0
820	Biotechnological Production of Statins: Metabolic Aspects and Genetic Approaches. Current Pharmaceutical Biotechnology, 2019, 20, 1244-1259.	0.9	3
821	Plasma S100A4 level and cardiovascular risk in patients with unstable angina pectoris. Biomarkers in Medicine, 2019, 13, 1459-1467.	0.6	4
823	Triple-Vessel Coronary Artery Disease Associated with Familial Hyperhomocysteinemia. Research in Cardiovascular Medicine, 2020, 9, 107.	0.2	0
824	Characteristics of culprit lesions in young patients with metabolic syndrome and classic cardiovascular risk factors. Experimental and Therapeutic Medicine, 2020, 19, 2766-2772.	0.8	2
825	Side-viewing rotational IVUS imaging of slow flow with adaptive SVD filtering. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
826	Ultrasound methods of imaging atherosclerotic plaque in carotid arteries: examinations using contrast agents. <i>Journal of Ultrasonography: Official Publication of Polish Ultrasound Society / Red Nacz Iwona SudoÅ-SzopiÅ,ska</i> , 2020, 20, 191-200.	0.7	4
827	The Age-Specific Impact of Cellular Immunity on Long-Term Outcome after Acute Coronary Syndrome. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1246-1254.	1.8	0
828	Association of culprit lesion plaque characteristics with flow restoration post-fibrinolysis in ST-segment elevation myocardial infarction: an intravascular ultrasound-virtual histology study. <i>Egyptian Heart Journal</i> , 2020, 72, 86.	0.4	2
830	Quantitative Virtual Histology for In Vivo Evaluation of Human Atherosclerosisâ€™A Plaque Biomechanics-Based Novel Image Analysis Algorithm: Validation and Applications to Atherosclerosis Research. , 2020, , 71-96.		2
831	High risk plaque criteria by multislice coronary CT angiography in patients with stable vs. unstable coronary artery disease: analytic cross-sectional study. <i>Egyptian Journal of Radiology and Nuclear Medicine</i> , 2020, 51, .	0.3	1
834	SVD-based filtering to detect intraplaque hemorrhage using single wavelength photoacoustic imaging. <i>Journal of Biomedical Optics</i> , 2021, 26, .	1.4	2
835	Optical Coherence Tomography-Derived Changes in Plaque Structural Stress Over the Cardiac Cycle: A New Method for Plaque Biomechanical Assessment. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 715995.	1.1	8
836	Beyond plaque stenosis, into plaque composition, the answer comes from optical coherence tomography. <i>Journal of Cardiovascular Medicine</i> , 2020, 21, 866-868.	0.6	0
837	Analysis of Radiofrequency Ultrasound Signals. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 0, , 55-93.	0.2	0
838	Radiolabelled probes for imaging of atherosclerotic plaques. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 2, 432-47.	1.0	18
840	Eyes on the Vulnerable. <i>MÃ dica</i> , 2015, 10, 3-4.	0.4	0
842	Association between non-culprit healed plaque and plaque progression in acute coronary syndrome patients: an optical coherence tomography study. <i>Journal of Geriatric Cardiology</i> , 2021, 18, 631-644.	0.2	1
843	Factor H-related protein 1 (FHR-1) is associated with atherosclerotic cardiovascular disease. <i>Scientific Reports</i> , 2021, 11, 22511.	1.6	11
844	Carotid Artery Plaque Calcifications: Lessons From Histopathology to Diagnostic Imaging. <i>Stroke</i> , 2022, 53, 290-297.	1.0	26
845	Carotid Plaques From Symptomatic Patients With Mild Stenosis Is Associated With Intraplaque Hemorrhage. <i>Hypertension</i> , 2022, 79, 271-282.	1.3	10
846	Combination of ARFI Excitation Powers and Acquisitions at Diastole and Systole for Improving Automatic Segmentation of Vulnerable Carotid Plaque Features. , 2020, , .		1
847	Harmonic Imaging Improves Delineation of Human Carotid Plaque Features by ARFI Variance of Acceleration. , 2020, , .		1
848	NR1D1 Deletion Induces Rupture-Prone Vulnerable Plaques by Regulating Macrophage Pyroptosis via the NF-ÎB/NLRP3 Inflammasome Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	1.9	16

#	ARTICLE	IF	CITATIONS
849	Lycopene: A Natural Arsenal in the War against Oxidative Stress and Cardiovascular Diseases. <i>Antioxidants</i> , 2022, 11, 232.	2.2	43
850	The Pathogenic Role of Foam Cells in Atherogenesis: Do They Represent Novel Therapeutic Targets?. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2022, 22, 765-777.	0.6	2
851	Increased ⁶⁸ Ga-FAPI Uptake of Symptomatic Intracranial Atherosclerotic Plaque Revealed by PET/MR. <i>Clinical Nuclear Medicine</i> , 2022, Publish Ahead of Print, .	0.7	4
852	Triple-Element Back-to-Back Transducer With 3D Printed Housing for Intravascular Ultrasound Imaging: A Feasibility Study. <i>IEEE Access</i> , 2022, 10, 9287-9297.	2.6	0
853	Vulnerable Plaque in Patients with Acute Coronary Syndrome: Identification, Importance, and Management. <i>US Cardiology Review</i> , 0, 16, .	0.5	4
854	Ferroptosis: A Potential Target in Cardiovascular Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 813668.	1.8	20
855	Noninvasively ventilated and easily operated mouse model of myocardial infarction. <i>Anatomical Record</i> , 2022, , .	0.8	0
856	What Is Hidden Behind Yellow Pixels: from Pathology to Intravascular Imaging of Atherosclerotic Plaque. <i>Current Atherosclerosis Reports</i> , 2022, 24, 97.	2.0	0
857	A Role of IL-17 in Rheumatoid Arthritis Patients Complicated With Atherosclerosis. <i>Frontiers in Pharmacology</i> , 2022, 13, 828933.	1.6	10
858	Synthesis of siRNA nanoparticles to silence plaque-destabilizing gene in atherosclerotic lesional macrophages. <i>Nature Protocols</i> , 2022, 17, 748-780.	5.5	52
859	Evaluation of the haematinic, antioxidant and anti-atherosclerotic potential of <i>Momordica charantia</i> in cholesterol-fed experimental rats. <i>Toxicology Reports</i> , 2022, 9, 611-618.	1.6	4
860	Myocardial ischemia-reperfusion injury and the influence of inflammation. <i>Trends in Cardiovascular Medicine</i> , 2023, 33, 357-366.	2.3	70
861	Increased ⁶⁸ Ga-FAPI Uptake in Active Atherosclerotic Plaque. <i>Clinical Nuclear Medicine</i> , 2022, Publish Ahead of Print, .	0.7	2
862	Platelets, a Key Cell in Inflammation and Atherosclerosis Progression. <i>Cells</i> , 2022, 11, 1014.	1.8	22
863	Targeting the Microenvironment of Vulnerable Atherosclerotic Plaques: An Emerging Diagnosis and Therapy Strategy for Atherosclerosis. <i>Advanced Materials</i> , 2022, 34, e2110660.	11.1	51
864	Targeting the CCL2-CCR2 axis for atheroprotection. <i>European Heart Journal</i> , 2022, 43, 1799-1808.	1.0	60
865	Association of Neutrophil Extracellular Traps with Plaque Instability in Patient with Carotid Artery Stenosis. <i>Annals of Vascular Surgery</i> , 2022, , .	0.4	2
866	Properties and fate of human mesenchymal stem cells upon miRNA let-7f-promoted recruitment to atherosclerotic plaques. <i>Cardiovascular Research</i> , 2023, 119, 155-166.	1.8	2

#	ARTICLE	IF	CITATIONS
867	Endothelial OCT4 is atheroprotective by preventing metabolic and phenotypic dysfunction. <i>Cardiovascular Research</i> , 2022, 118, 2458-2477.	1.8	12
868	The Effects of Exercise on Plaque Volume and Composition in a Mouse Model of Early and Late Life Atherosclerosis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 837371.	1.1	3
869	An Injectable Dual-Function Hydrogel Protects Against Myocardial Ischemia/Reperfusion Injury by Modulating ROS/NO Disequilibrium. <i>Advanced Science</i> , 2022, 9, e2105408.	5.6	45
870	2021 Jeffrey M. Hoeg Award Lecture: Defining the Role of Efferocytosis in Cardiovascular Disease: A Focus on the CD47 (Cluster of Differentiation 47) Axis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 101161ATVBAHA122317049.	1.1	5
871	Clinical Study of Seven Patients with Infarction in the Territory of the Anterior Choroidal Artery. <i>Journal of the Nihon University Medical Association</i> , 2021, 80, 303-310.	0.0	0
872	Extracranial Carotid Plaque Hemorrhage Is Independently Associated With Poor 3-month Functional Outcome After Acute Ischemic Stroke—A Prospective Cohort Study. <i>Frontiers in Neurology</i> , 2021, 12, 780436.	1.1	1
873	The cellular biology of atherosclerosis with atherosclerotic lesion classification and biomarkers. <i>Bulletin of the National Research Centre</i> , 2021, 45, .	0.7	7
874	Multi-Sequence MRI Registration of Atherosclerotic Carotid Arteries Based on Cross-Scale Siamese Network. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 785523.	1.1	0
875	Innovative Approaches to Assess Intermediate Cardiovascular Risk Subjects: A Review From Clinical to Metabolomics Strategies. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 788062.	1.1	9
876	CD93 in macrophages: A novel target for atherosclerotic plaque imaging?. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 2152-2162.	1.6	6
887	Chitosan Nanoparticles in Atherosclerosis—Development to Preclinical Testing. <i>Pharmaceutics</i> , 2022, 14, 935.	2.0	4
888	Clinical Parameters and Epigenetic Biomarkers of Plaque Vulnerability in Patients with Carotid Stenosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5149.	1.8	10
889	High-Risk Intracranial Atherosclerotic Stenosis Despite Aggressive Medical Treatment: Protocol for a Prospective Nested Case-Control Study. <i>Frontiers in Neurology</i> , 2022, 13, 803224.	1.1	0
890	The Relation Between Red Blood Cell Distribution Width and Coronary Atherosclerotic Plaque Vulnerability Detected by Intracoronary Optical Coherence Tomography. <i>Current Vascular Pharmacology</i> , 2022, 20, 501-507.	0.8	2
891	Unifying theory of carotid plaque disruption based on structural phenotypes and forces expressed at the lumen/wall interface. <i>Stroke and Vascular Neurology</i> , 0, , svn-2021-001451.	1.5	0
892	Pomegranate Peel Extract Decreases Plaque Necrosis and Advanced Atherosclerosis Progression in ApoE ^{-/-} Mice. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	8
894	Association Between Dietary Intakes and Plaque Vulnerability Measured by Optical Coherence Tomography in Patients With Coronary Heart Disease: A Mediation Analysis of Inflammatory Factors. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1
895	18F Site-Specific Labelling of a Single-Chain Antibody against Activated Platelets for the Detection of Acute Thrombosis in Positron Emission Tomography. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6886.	1.8	2

#	ARTICLE	IF	CITATIONS
896	Age-related cardiovascular changes and diseases. , 2022, , 85-121.		2
897	CT angiography-based radiomics as a tool for carotid plaque characterization: a pilot study. Radiologia Medica, 2022, 127, 743-753.	4.7	11
898	Neutrophil-to-Lymphocyte Ratio as a Predictive Tool for Post-Operative Outcomes in Patients Undergoing Open Lower Extremity Revascularization Procedures. Annals of Vascular Surgery, 2022, , .	0.4	0
899	Current and emerging drugs for the treatment of atherosclerosis: the evidence to date. Expert Review of Cardiovascular Therapy, 0, , 1-13.	0.6	1
900	The role of cardiac computed tomography in predicting adverse coronary events. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	2
901	TCF7 is highly expressed in immune cells on the atherosclerotic plaques, and regulating inflammatory signaling via NF κ B/AKT/STAT1 signaling. Bioscience Reports, 2022, 42, .	1.1	7
902	WNT1-inducible signalling pathway protein 1 stabilizes atherosclerotic plaques in apolipoprotein-E-deficient mice via the focal adhesion kinase/mitogen-activated extracellular signal-regulated kinase/extracellular signal-regulated kinase pathway. Journal of Hypertension, 2022, 40, 1666-1681.	0.3	10
903	Renalase: a novel regulator of cardiometabolic and renal diseases. Hypertension Research, 2022, 45, 1582-1598.	1.5	6
904	A Plaque Instability Index Calculated by Histological Marker Analysis of the Endarterectomy Carotid Artery. Applied Sciences (Switzerland), 2022, 12, 8040.	1.3	1
905	Macrophage-targeted nanomedicine for the diagnosis and management of atherosclerosis. Frontiers in Pharmacology, 0, 13, .	1.6	2
906	Hybrid Cardiac Imaging for the Invasive Cardiologist. , 2022, , 93-115.		0
907	Interleukin-17A influences the vulnerability rather than the size of established atherosclerotic plaques in apolipoprotein E-deficient mice. Open Life Sciences, 2022, 17, 1104-1115.	0.6	2
908	Analysis of Risk Factors for Vulnerable Plaque Formation and Pathogenic in Carotid Artery. Journal of Craniofacial Surgery, 0, Publish Ahead of Print, .	0.3	0
909	Endothelial-to-Mesenchymal Transition in Atherosclerosis: Friend or Foe?. Cells, 2022, 11, 2946.	1.8	5
910	Evolving concepts of the vulnerable atherosclerotic plaque and the vulnerable patient: implications for patient care and future research. Nature Reviews Cardiology, 2023, 20, 181-196.	6.1	28
911	Identification of Monocyte-Associated Genes Related to the Instability of Atherosclerosis Plaque. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-21.	1.9	3
912	MINOCA: One Size Fits All? Probably Notâ€™A Review of Etiology, Investigation, and Treatment. Journal of Clinical Medicine, 2022, 11, 5497.	1.0	2
913	Defective efferocytosis of vascular cells in heart disease. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	3

#	ARTICLE	IF	CITATIONS
914	State-of-the-art CT and MR imaging and assessment of atherosclerotic carotid artery disease: standardization of scanning protocols and measurements—a consensus document by the European Society of Cardiovascular Radiology (ESCR). <i>European Radiology</i> , 2023, 33, 1063-1087.	2.3	7
915	Disease-modifying anti-rheumatic drugs improve the cardiovascular profile in patients with rheumatoid arthritis. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	5
916	High-risk features of basilar artery atherosclerotic plaque. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
917	Additive effects of ezetimibe, evolocumab, and alirocumab on plaque burden and lipid content as assessed by intravascular ultrasound: A PRISMA-compliant meta-analysis. <i>Medicine (United States)</i> , 2022, 101, e31199.	0.4	4
918	The Role of Inflammation in Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12906.	1.8	86
919	The utility of ultrasound and computed tomography in the assessment of carotid artery plaque vulnerability—a mini review. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	4
920	Automated Segmentation of Microvessels in Intravascular OCT Images Using Deep Learning. <i>Bioengineering</i> , 2022, 9, 648.	1.6	9
921	Non-Coding RNAs in Regulating Plaque Progression and Remodeling of Extracellular Matrix in Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13731.	1.8	6
922	Apolipoprotein A1 Protects Against Necrotic Core Development in Atherosclerotic Plaques: PDZK1-Dependent High-Density Lipoprotein Suppression of Necroptosis in Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2023, 43, 45-63.	1.1	3
923	Perfluorooctane sulfonate promotes atherosclerosis by modulating M1 polarization of macrophages through the NF- κ B pathway. <i>Ecotoxicology and Environmental Safety</i> , 2023, 249, 114384.	2.9	7
924	DOT1L regulates lipid biosynthesis and inflammatory responses in macrophages and promotes atherosclerotic plaque stability. <i>Cell Reports</i> , 2022, 41, 111703.	2.9	2
925	Pharmaco-invasive therapy: Early implementation of statins and proprotein convertase subtilisin/kexin type 9 inhibitors after acute coronary syndrome. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	2
926	The Involvement of Cx43 in JNK1/2-Mediated Endothelial Mechanotransduction and Human Plaque Progression. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1174.	1.8	2
927	Macrophage Phenotyping in Atherosclerosis by Proteomics. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2613.	1.8	4
928	Mitochondrial Homeostasis in VSMCs as a Central Hub in Vascular Remodeling. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3483.	1.8	12
929	Mast cells participate in smooth muscle cell reprogramming and atherosclerotic plaque calcification. <i>Vascular Pharmacology</i> , 2023, 150, 107167.	1.0	4
930	The Ability of Near-Infrared Spectroscopy to Identify Vulnerable Patients and Plaques: A Systematic Review and Meta-Analysis. <i>Interventional Cardiology Clinics</i> , 2023, 12, 245-256.	0.2	1
931	Intravascular Ultrasound in Vulnerable Plaque and Acute Coronary Syndrome. <i>Interventional Cardiology Clinics</i> , 2023, 12, 155-165.	0.2	0

#	ARTICLE	IF	CITATIONS
932	Diagnosis of coronary layered plaque by deep learning. Scientific Reports, 2023, 13, .	1.6	1
933	Does Coronary Plaque Morphology Matter Beyond Plaque Burden?. Current Atherosclerosis Reports, 2023, 25, 167-180.	2.0	1
934	Role of adipokines in the pathophysiology of coronary artery disease. , 2023, , 369-389.		0
935	Current Toolset in Predicting Acute Coronary Thrombotic Events: The "Vulnerable Plaque" in a "Vulnerable Patient" Concept. Life, 2023, 13, 696.	1.1	1
936	Quantitative proteomic landscape of unstable atherosclerosis identifies molecular signatures and therapeutic targets for plaque stabilization. Communications Biology, 2023, 6, .	2.0	1
937	Role of sirtuins in attenuating plaque vulnerability in atherosclerosis. Molecular and Cellular Biochemistry, 2024, 479, 51-62.	1.4	1
938	Coronary artery properties in atherosclerosis: A deep learning predictive model. Frontiers in Physiology, 0, 14, .	1.3	1
939	Pathogenesis of Atherosclerosis: A Multifactorial Process. , 2023, , 15-37.		1
944	Sport bei Master-Athleten. , 2023, , 449-462.		0
963	Nanocarriers for gene delivery to the cardiovascular system. Biomaterials Science, 0, , .	2.6	0
976	Macrophage profiling in atherosclerosis: understanding the unstable plaque. Basic Research in Cardiology, 2024, 119, 35-56.	2.5	0
979	The interplay of collagen, macrophages, and microcalcification in atherosclerotic plaque cap rupture mechanics. Basic Research in Cardiology, 2024, 119, 193-213.	2.5	0