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List of Publications by Year in descending order

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Version: 2024-02-01

270
papers

13,172
citations

24978

57
h-index

25716

108
g-index

309
all docs

309
docs citations

309
times ranked

12594
citing authors

#	ARTICLE	IF	CITATIONS
1	Understudied factors in drug-coated balloon design and evaluation: A biophysical perspective. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	6
2	Safety and efficacy of dedicated guidewire, microcatheter, and guide catheter extension technologies for chronic total coronary occlusion revascularization: Primary results of the Teleflex Chronic Total Occlusion Study. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 263-270.	0.7	2
3	The year in cardiovascular medicine 2021: interventional cardiology. <i>European Heart Journal</i> , 2022, 43, 377-386.	1.0	3
4	Outcomes of chronic total occlusion percutaneous coronary intervention in patients with reduced left ventricular ejection fraction. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1059-1064.	0.7	6
5	Histopathological correlation of near infrared autofluorescence in human cadaver coronary arteries. <i>Atherosclerosis</i> , 2022, 344, 31-39.	0.4	3
6	Imaging High-Risk Atherothrombosis Using a Novel Fibrin-Binding Positron Emission Tomography Probe. <i>Stroke</i> , 2022, 53, 595-604.	1.0	3
7	Intravital Microscopy in Research. <i>Methods in Molecular Biology</i> , 2022, 2419, 645-658.	0.4	1
8	Intravascular Fluorescence Molecular Imaging of Atherosclerosis. <i>Methods in Molecular Biology</i> , 2022, 2419, 853-872.	0.4	3
9	<i>CYP2C19</i> Genotyping in Anticoagulated Patients After Percutaneous Coronary Intervention: Should It Be Routine?. <i>Circulation</i> , 2022, 145, 721-723.	1.6	1
10	The year in cardiovascular medicine 2021: interventional cardiology. <i>Cardiologia Croatica</i> , 2022, 17, 59-72.	0.0	1
11	Prevalence and outcomes of balloon undilatable chronic total occlusions: Insights from the PROGRESS-CTO. <i>International Journal of Cardiology</i> , 2022, , .	0.8	7
12	Predictors of success in primary retrograde strategy in chronic total occlusion percutaneous coronary intervention: insights from the PROGRESS-chronic total occlusion registry. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 100, 19-27.	0.7	6
13	Lighting Up Adherent LDL in Plaques via Near-Infrared Fluorescence Molecular Imaging. <i>JACC: Cardiovascular Imaging</i> , 2022, , .	2.3	0
14	Predicting Periprocedural Complications in Chronic Total Occlusion Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 1413-1422.	1.1	45
15	Circumflex Rescue After Left Main Covered Stenting Using a Stiff Wire, Angled Microcatheter, and Stent Target. , 2022, , 100407.		0
16	Equipment utilization in chronic total occlusion percutaneous coronary interventions: Insights from the PROGRESS-CTO registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 658-667.	0.7	8
17	Outcomes of retrograde chronic total occlusion percutaneous coronary intervention: A report from the OPEN-CTO registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 1162-1173.	0.7	19
18	Impacto de la adherencia a un algoritmo híbrido para la selección de la estrategia inicial de cruce en la intervención coronaria percutánea de oclusiones crónicas. <i>Revista Española De Cardiología</i> , 2021, 74, 1024-1024.	0.6	1

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19	Molecular Imaging of Atherosclerosis. , 2021, , 1193-1223.		0
20	Chronic total occlusion percutaneous coronary intervention in octogenarians and nonagenarians. Journal of the American Geriatrics Society, 2021, 69, 1560-1569.	1.3	3
21	Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Imaging Predicts Vein Wall Scarring and Statin Benefit in Murine Venous Thrombosis. Circulation: Cardiovascular Imaging, 2021, 14, e011898.	1.3	3
22	Incidence, Predictors, and Outcomes of Thrombotic Events in Hospitalized Patients With Viral Pneumonia. American Journal of Cardiology, 2021, 143, 164-165.	0.7	6
23	Time-Restricted Salutary Effects of Blood Flow Restoration on Venous Thrombosis and Vein Wall Injury in Mouse and Human Subjects. Circulation, 2021, 143, 1224-1238.	1.6	21
24	Initial Findings From the North American COVID-19 Myocardial Infarction Registry. Journal of the American College of Cardiology, 2021, 77, 1994-2003.	1.2	96
25	Trends and outcomes of utilization of thrombectomy during primary percutaneous coronary intervention. Cardiovascular Revascularization Medicine, 2021, , .	0.3	3
26	<i>In Vivo</i> Platelet Detection Using a Glycoprotein IIb/IIIa-Targeted Near-Infrared Fluorescence Imaging Probe. ACS Sensors, 2021, 6, 2225-2232.	4.0	8
27	Getting Down With Diet and Exercise for Coronary Artery Disease Treatment. JACC: Cardiovascular Imaging, 2021, 14, 1203-1205.	2.3	2
28	In-Stent CTO Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2021, 14, 1308-1319.	1.1	11
29	Intravascular molecular structural imaging with a miniaturized integrated near-infrared fluorescence and ultrasound catheter. Journal of Biophotonics, 2021, 14, e202100048.	1.1	3
30	Near-Infrared Autofluorescence in Atherosclerosis Associates With Ceroid and Is Generated by Oxidized Lipid-Induced Oxidative Stress. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, e385-e398.	1.1	10
31	Computed tomography angiography co-registration with real-time fluoroscopy in percutaneous coronary intervention for chronic total occlusions. EuroIntervention, 2021, 17, e433-e435.	1.4	13
32	Global Chronic Total Occlusion Crossing Algorithm. Journal of the American College of Cardiology, 2021, 78, 840-853.	1.2	111
33	Intravascular Molecular-Structural Assessment of Arterial Inflammation in Preclinical Atherosclerosis Progression. JACC: Cardiovascular Imaging, 2021, 14, 2265-2267.	2.3	4
34	Left main coronary disease at the bifurcation: should the pendulum swing back towards the provisional stenting approach?. European Heart Journal, 2021, 42, 3840-3843.	1.0	8
35	Definitions and Clinical Trial Design Principles for Coronary Artery Chronic Total Occlusion Therapies: CTO-ARC Consensus Recommendations. Circulation, 2021, 143, 479-500.	1.6	132
36	Highly Selective PPAR α (Peroxisome Proliferator-Activated Receptor α) Agonist Pemafibrate Inhibits Stent Inflammation and Restenosis Assessed by Multimodality Molecular Microstructural Imaging. Journal of the American Heart Association, 2021, 10, e020834.	1.6	7

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37	Protective Effects of Kininogen-1 Gene Deficiency in Mouse Models of Venous Thrombosis. <i>Blood</i> , 2021, 138, 289-289.	0.6	0
38	Abstract 11342: Contemporary in-hospital Outcomes of Chronic Total Occlusion Interventions: Update from the Progress-cto (Prospective Global Registry for the Study of Chronic Total Occlusion) Tj ETQq0 0 0 rgBT /OvzK 10 0 1 50 697 T		
39	Abstract 11451: Use of Mechanical Circulatory Support in Chronic Total Occlusion Percutaneous Coronary Intervention: Insights from the PROGRESS-CTO Registry. <i>Circulation</i> , 2021, 144, .	1.6	0
40	Synergizing Light and Machine Learning to Comprehensively Reveal Coronary Plaque Composition. <i>JACC Basic To Translational Science</i> , 2021, 6, 961-963.	1.9	1
41	Impact of concomitant treatment of non-chronic total occlusion lesions at the time of chronic total occlusion intervention. <i>International Journal of Cardiology</i> , 2020, 299, 75-80.	0.8	4
42	The Impact of Peripheral Artery Disease in Chronic Total Occlusion Percutaneous Coronary Intervention (Insights From PROGRESS-CTO Registry). <i>Angiology</i> , 2020, 71, 274-280.	0.8	6
43	Clinical OCT-Based Polarization Assessment of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 802-803.	2.3	0
44	Ly6CLo Monocyte/Macrophages are Essential for Thrombus Resolution in a Murine Model of Venous Thrombosis. <i>Thrombosis and Haemostasis</i> , 2020, 120, 289-299.	1.8	22
45	Outcomes of subintimal plaque modification in chronic total occlusion percutaneous coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 1029-1035.	0.7	23
46	Practical cardiovascular risk calculator for asymptomatic patients with type 2 diabetes mellitus: <sc>PRECISE– risk score. <i>Clinical Cardiology</i> , 2020, 43, 1040-1047.	0.7	6
47	Intravascular Molecular Imaging: Near-Infrared Fluorescence as a New Frontier. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 587100.	1.1	20
48	Impact of adherence to the hybrid algorithm for initial crossing strategy selection in chronic total occlusion percutaneous coronary intervention. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2020, 74, 1023-1031.	0.4	1
49	Cardiac Imaging in the Post-ISCHEMIA Trial Era. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1815-1833.	2.3	21
50	Paclitaxel Drug-Coated Balloon Angioplasty Suppresses Progression and Inflammation of Experimental Atherosclerosis in Rabbits. <i>JACC Basic To Translational Science</i> , 2020, 5, 685-695.	1.9	18
51	The Ongoing Quest to Better Detect High-Risk Coronary Plaques. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1103-1105.	2.3	0
52	Cardiovascular Mortality and Exposure to Heat in an Inherently Hot Region. <i>Circulation</i> , 2020, 141, 1271-1273.	1.6	22
53	Role of Coronary Computed Tomography Angiography in Percutaneous Coronary Intervention of Chronic Total Occlusions. <i>Current Cardiovascular Imaging Reports</i> , 2020, 13, 1.	0.4	5
54	<sc>SCAI</sc> position statement on optimal percutaneous coronary interventional therapy for complex coronary artery disease. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 346-362.	0.7	65

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55	Multimodality Cardiovascular Imaging in the Midst of the COVID-19 Pandemic. JACC: Cardiovascular Imaging, 2020, 13, 1615-1626.	2.3	56
56	Retrograde Chronic Total Occlusion Percutaneous Coronary Intervention via Saphenous Vein Graft. JACC: Cardiovascular Interventions, 2020, 13, 517-526.	1.1	21
57	Intravascular Molecular Imaging to Detect High-Risk Vulnerable Plaques: Current Knowledge and Future Perspectives. Current Cardiovascular Imaging Reports, 2020, 13, 1.	0.4	4
58	In Vivo Imaging of Venous Thrombus and Pulmonary Embolism Using Novel Murine Venous Thromboembolism Model. JACC Basic To Translational Science, 2020, 5, 344-356.	1.9	10
59	Multidisciplinary Heart Team Approach for Complex Coronary Artery Disease: Single Center Clinical Presentation. Journal of the American Heart Association, 2020, 9, e014738.	1.6	39
60	Atorvastatin Reduces In Vivo Fibrin Deposition and Macrophage Accumulation, and Improves Primary Patency Duration and Maturation of Murine Arteriovenous Fistula. Journal of the American Society of Nephrology: JASN, 2020, 31, 931-945.	3.0	8
61	Technical and procedural outcomes of the retrograde approach to chronic total occlusion interventions. EuroIntervention, 2020, 16, e891-e899.	1.4	31
62	Optimizing Multidisciplinary Simulation in Medical School for Larger Groups: Role Assignment by Lottery and Guided Learning. Advances in Medical Education and Practice, 2020, Volume 11, 969-976.	0.7	1
63	Abstract 16435: Contemporary In-Hospital Outcomes of Chronic Total Occlusion Interventions: Update From the PROGRESS-CTO (prospective Global Registry for the Study of Chronic Total Occlusion) Tj ETQq1 1 0.784314 rgBT /Overlock		
64	Temporal Trends in Chronic Total Occlusion Percutaneous Coronary Interventions: Insights From the PROGRESS-CTO Registry. Journal of Invasive Cardiology, 2020, 32, 153-160.	0.4	9
65	Examining the Operator Learning Curve for Percutaneous Coronary Intervention of Chronic Total Occlusions. Circulation: Cardiovascular Interventions, 2019, 12, e007877.	1.4	22
66	COMPARISON OF THE INCIDENCE, CLINICAL CHARACTERISTICS, AND PROCEDURAL OUTCOMES OF CHRONIC TOTAL OCCLUSION INTERVENTIONS AMONG DIFFERENT TARGET VESSELS: INSIGHTS FROM A CONTEMPORARY MULTICENTER-REGISTRY. Journal of the American College of Cardiology, 2019, 73, 1072.	1.2	0
67	Noninvasive Imaging of High-Risk Plaque. , 2019, , 388-404.		0
68	Guiding Principles for Chronic Total Occlusion Percutaneous Coronary Intervention. Circulation, 2019, 140, 420-433.	1.6	263
69	TCT-64 Intravascular Molecular-Structural Imaging of Arterial Permeability and Vascular Injury In Vivo: Implications for Drug-Coated Balloon Efficacy. Journal of the American College of Cardiology, 2019, 74, B64.	1.2	0
70	TCT-229 Outcomes of Investment Procedures in Chronic Total Occlusion Interventions. Journal of the American College of Cardiology, 2019, 74, B228.	1.2	0
71	IVUS and OCT: Current State-of-the-Art in Intravascular Coronary Imaging. Current Cardiovascular Imaging Reports, 2019, 12, 1.	0.4	4
72	IMPACT OF DISTAL VESSEL QUALITY ON ACUTE PROCEDURAL OUTCOMES IN CTO PCI: INSIGHT FROM THE PROGRESS CTO REGISTRY. Journal of the American College of Cardiology, 2019, 73, 1278.	1.2	0

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73	PROCEDURAL OUTCOMES OF PERCUTANEOUS CORONARY INTERVENTIONS FOR CHRONIC TOTAL OCCLUSIONS IN PATIENTS WITH LOW LEFT VENTRICULAR EJECTION FRACTION: INSIGHTS FROM THE PROGRESS CTO REGISTRY. Journal of the American College of Cardiology, 2019, 73, 1279.	1.2	1
74	Depression and Angina Among Patients Undergoing Chronic Total Occlusion Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2019, 12, 651-658.	1.1	19
75	In-Hospital Outcomes of Chronic Total Occlusion Percutaneous Coronary Interventions in Patients With Prior Coronary Artery Bypass Graft Surgery. Circulation: Cardiovascular Interventions, 2019, 12, e007338.	1.4	23
76	CONTEMPORARY OUTCOMES OF CHRONIC TOTAL OCCLUSION PERCUTANEOUS CORONARY INTERVENTIONS: UPDATE FROM THE PROGRESS CTO (PROSPECTIVE GLOBAL REGISTRY FOR THE STUDY OF CHRONIC TOTAL) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	28
77	Cangrelor in cardiogenic shock and after cardiopulmonary resuscitation: A global, multicenter, matched pair analysis with oral P2Y12 inhibition from the IABP-SHOCK II trial. Resuscitation, 2019, 137, 205-212.	1.3	31
78	Procedural Outcomes of Percutaneous Coronary Interventions for Chronic Total Occlusions Via the Radial Approach. JACC: Cardiovascular Interventions, 2019, 12, 346-358.	1.1	47
79	Usefulness of Atherectomy in Chronic Total Occlusion Interventions (from the PROGRESS-CTO) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	28
80	3D cellular-resolution imaging in arteries using few-mode interferometry. Light: Science and Applications, 2019, 8, 104.	7.7	27
81	A New Decade of Old Questions. JACC: Cardiovascular Imaging, 2019, 12, 1326-1329.	2.3	0
82	PET/MR Illumination of Atherosclerosis Pathobiology. JACC: Cardiovascular Imaging, 2019, 12, 2027-2028.	2.3	0
83	HDAC9 complex inhibition improves smooth muscle-dependent stenotic vascular disease. JCI Insight, 2019, 4, .	2.3	23
84	The functional assessment of patients with non-obstructive coronary artery disease: expert review from an international microcirculation working group. EuroIntervention, 2019, 14, 1694-1702.	1.4	32
85	Abstract P379: Atherosclerotic Abdominal Aortic Plaque and All-Cause Mortality: The Framingham Heart Study. Circulation, 2019, 139, .	1.6	0
86	An HDAC9-MALAT1-BRG1 complex mediates smooth muscle dysfunction in thoracic aortic aneurysm. Nature Communications, 2018, 9, 1009.	5.8	105
87	The Hybrid Approach to Chronic Total Occlusion Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2018, 11, 1325-1335.	1.1	159
88	Randomized Comparison of a CrossBoss First Versus Standard Wire Escalation Strategy for Crossing Coronary Chronic Total Occlusions. JACC: Cardiovascular Interventions, 2018, 11, 225-233.	1.1	45
89	Imaging the Intersection of Oxidative Stress, Lipids, and Inflammation. Journal of the American College of Cardiology, 2018, 71, 336-338.	1.2	12
90	Prevalence, Presentation and Treatment of Balloon Undilatable™ Chronic Total Occlusions: Insights from a Multicenter US Registry. Catheterization and Cardiovascular Interventions, 2018, 91, 657-666.	0.7	26

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91	Wire-Free and Adenosine-Free Fractional Flow Reserve Derived From the Angiogram. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007594.	1.3	2
92	TCT-139 Use of Atherectomy in Chronic Total Occlusion Intervention: Insights From the PROGRESS-CTO Registry. <i>Journal of the American College of Cardiology</i> , 2018, 72, B60.	1.2	0
93	TCT-138 Comparison Between Traditional and Guide Catheter Extension Reverse CART: Insights From the PROGRESS-CTO Registry. <i>Journal of the American College of Cardiology</i> , 2018, 72, B59-B60.	1.2	0
94	TCT-56 High-resolution Intravascular OCT-NIRF Molecular Imaging for In Vivo Assessment of Inflammation in Atherosclerosis and Vascular Injury. <i>Journal of the American College of Cardiology</i> , 2018, 72, B25.	1.2	2
95	TCT-78 Impact of Collateral Channel Type on the Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention. <i>Journal of the American College of Cardiology</i> , 2018, 72, B34-B35.	1.2	0
96	Chronic Total Occlusion Interventions: Update on Current Tips and Tricks. <i>Current Cardiology Reports</i> , 2018, 20, 141.	1.3	4
97	Prevalence and Outcomes of Percutaneous Coronary Interventions for Ostial Chronic Total Occlusions: Insights From a Multicenter Chronic Total Occlusion Registry. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1264-1274.	0.8	14
98	In-hospital Outcomes of Attempting More Than One Chronic Total Coronary Occlusion Through Percutaneous Intervention During the Same Procedure. <i>American Journal of Cardiology</i> , 2018, 122, 381-387.	0.7	4
99	Ruptures and Thickening. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 933-934.	2.3	0
100	Inhibition of the methyltransferase EZH2 improves aortic performance in experimental thoracic aortic aneurysm. <i>JCI Insight</i> , 2018, 3, .	2.3	32
101	Abstract 049: Novel Tirofiban Conjugate for the <i>in vivo</i> Detection of Activated Platelets. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	1.1	0
102	Abstract 354: Early Intentional Restoration of Blood Flow Reduces Thrombus Burden and Vein Wall Scarring Following Dvt: Implications for Preventing the Post-thrombotic Syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	1.1	0
103	Abstract 051: A New Model of Murine Stasis Pulmonary Thromboembolism <i>in vivo</i> With Assessment by Noninvasive Multimodal Molecular-Structural Imaging. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	1.1	0
104	Retrograde CTO-PCI of Native Coronary Arteries Via Left Internal Mammary Artery Grafts: Insights From a Multicenter U.S. Registry. <i>Journal of Invasive Cardiology</i> , 2018, 30, 89-96.	0.4	11
105	Mechanical Circulatory Support in Chronic Total Occlusion Percutaneous Coronary Intervention: Insights From a Multicenter U.S. Registry. <i>Journal of Invasive Cardiology</i> , 2018, 30, 81-87.	0.4	11
106	Hybrid intravascular imaging: recent advances, technical considerations, and current applications in the study of plaque pathophysiology. <i>European Heart Journal</i> , 2017, 38, 400-412.	1.0	152
107	Guidewire and microcatheter utilization patterns during antegrade wire escalation in chronic total occlusion percutaneous coronary intervention: Insights from a contemporary multicenter registry. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 89, E90-E98.	0.7	24
108	Everolimus-eluting stents stabilize plaque inflammation <i>in vivo</i> : assessment by intravascular fluorescence molecular imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 510-518.	0.5	14

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109	Molecular Imaging of Atherosclerosis: a Clinical Focus. <i>Current Cardiovascular Imaging Reports</i> , 2017, 10, 1.	0.4	9
110	Noninvasive FFR Derived From Coronary ACT Angiography. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1350-1358.	2.3	162
111	Atheroma Susceptible to Thrombosis Exhibit Impaired Endothelial Permeability In Vivo as Assessed by Nanoparticle-Based Fluorescence Molecular Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	43
112	Metabolic and Molecular Imaging of Atherosclerosis and Venous Thromboembolism. <i>Journal of Nuclear Medicine</i> , 2017, 58, 871-877.	2.8	25
113	Impact of Calcium on Chronic Total Occlusion Percutaneous Coronary Interventions. <i>American Journal of Cardiology</i> , 2017, 120, 40-46.	0.7	33
114	Coronary artery spatial distribution of chronic total occlusions: Insights from a large US registry. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 23-30.	0.7	6
115	THE IMPACT OF EPICARDIAL COLLATERAL USE ON THE OUTCOMES OF CHRONIC TOTAL OCCLUSION PERCUTANEOUS CORONARY INTERVENTION: INSIGHTS FROM A CONTEMPORARY MULTICENTER REGISTRY. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1319.	1.2	0
116	EMPLOYING THE MULTIDISCIPLINARY HEART TEAM APPROACH FOR COMPLEX CORONARY ARTERY DISEASE: A SINGLE CENTER EXPERIENCE. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2544.	1.2	1
117	Quantitative intravascular biological fluorescence-ultrasound imaging of coronary and peripheral arteries in vivo. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1253-1261.	0.5	26
118	Target Vessel Revascularization and Territory of Myocardial Ischemia in Patients With Chronic Total Occlusions. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1196-1197.	1.2	7
119	Incidence, Treatment, and Outcomes of Coronary Perforation During Chronic Total Occlusion Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2017, 120, 1285-1292.	0.7	66
120	Intravascular optoacoustic catheter with extended sensitivity field. , 2017, , .		0
121	Imaging the Coronary Artery Plaque: Approaches, Advances, and Challenges. <i>Current Cardiovascular Imaging Reports</i> , 2017, 10, 1.	0.4	2
122	Predictors of Excess Patient Radiation Exposure During Chronic Total Occlusion Coronary Intervention: Insights From a Contemporary Multicentre Registry. <i>Canadian Journal of Cardiology</i> , 2017, 33, 478-484.	0.8	19
123	Impact of diabetes mellitus on acute outcomes of percutaneous coronary intervention in chronic total occlusions: insights from a <sc>US</sc> multicentre registry. <i>Diabetic Medicine</i> , 2017, 34, 558-562.	1.2	11
124	Prevalence, indications and management of balloon uncrossable chronic total occlusions: Insights from a contemporary multicenter US registry. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 12-20.	0.7	37
125	Real-time fusion of coronary CT angiography with x-ray fluoroscopy during chronic total occlusion PCI. <i>European Radiology</i> , 2017, 27, 2464-2473.	2.3	41
126	Endotoxaemia-augmented murine venous thrombosis is dependent on TLR-4 and ICAM-1, and potentiated by neutropenia. <i>Thrombosis and Haemostasis</i> , 2017, 117, 339-348.	1.8	28

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127	Quantitative Intravascular Fluorescence-Ultrasound Imaging In Vivo. , 2017, , .		0
128	Sequential Acute Coronary Syndrome 4 Days Apart: A Missed Opportunity?. Circulation Journal, 2017, 81, 1231-1233.	0.7	0
129	Myeloid-related protein-14 regulates deep vein thrombosis. JCI Insight, 2017, 2, .	2.3	21
130	Gram-Negative Pneumonia Alters Large-Vein Cell-Adhesion Molecule Profile and Potentiates Experimental Stasis Venous Thrombosis. Journal of Vascular Research, 2016, 53, 186-195.	0.6	8
131	Use of Intravascular Imaging During Chronic Total Occlusion Percutaneous Coronary Intervention: Insights From a Contemporary Multicenter Registry. Journal of the American Heart Association, 2016, 5, .	1.6	29
132	Near Infrared Fluorescence (NIRF) Molecular Imaging of Oxidized LDL with an Autoantibody in Experimental Atherosclerosis. Scientific Reports, 2016, 6, 21785.	1.6	38
133	TCT-284 Interrelationship between depression, angina, and dyspnea before and after CTO PCI in the OPEN CTO Registry. Journal of the American College of Cardiology, 2016, 68, B116-B117.	1.2	0
134	TCT-287 Current Perspectives and Practices on Chronic Total Occlusion Percutaneous Coronary Interventions. Journal of the American College of Cardiology, 2016, 68, B118.	1.2	0
135	Effect of Lesion Age on Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention: Insights From a Contemporary US Multicenter Registry. Canadian Journal of Cardiology, 2016, 32, 1433-1439.	0.8	5
136	Use of antegrade dissection re-entry in coronary chronic total occlusion percutaneous coronary intervention in a contemporary multicenter registry. International Journal of Cardiology, 2016, 214, 428-437.	0.8	51
137	Intravascular NIRF Molecular Imaging Approaches in Coronary Artery Disease. Current Cardiovascular Imaging Reports, 2016, 9, 1.	0.4	8
138	Targeted Near-Infrared Fluorescence Imaging of Atherosclerosis. JACC: Cardiovascular Imaging, 2016, 9, 1087-1095.	2.3	80
139	Comparison of various scores for predicting success of chronic total occlusion percutaneous coronary intervention. International Journal of Cardiology, 2016, 224, 50-56.	0.8	43
140	Development and Validation of a Scoring System for Predicting Periprocedural Complications During Percutaneous Coronary Interventions of Chronic Total Occlusions: The Prospective Global Registry for the Study of Chronic Total Occlusion Intervention (PROGRESS CTO) Complications Score. Journal of the American Heart Association, 2016, 5, .	1.6	81
141	Outcomes With the Use of the Retrograde Approach for Coronary Chronic Total Occlusion Interventions in a Contemporary Multicenter US Registry. Circulation: Cardiovascular Interventions, 2016, 9, .	1.4	94
142	Multivessel CAD in Nondiabetic Patients. Journal of the American College of Cardiology, 2016, 68, 37-39.	1.2	2
143	High-Risk Stents Harboring Neoatherosclerosis. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	1
144	Effect of Previous Failure on Subsequent Procedural Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention (from a Contemporary Multicenter Registry). American Journal of Cardiology, 2016, 117, 1267-1271.	0.7	25

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145	Clinical Characterization of Coronary Atherosclerosis With Dual-Modality OCT and Near-Infrared Autofluorescence Imaging. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1304-1314.	2.3	141
146	Development and Validation of a Novel Scoring System for Predicting Technical Success of Chronic Total Occlusion Percutaneous Coronary Interventions. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 1-9.	1.1	276
147	Approaches to percutaneous coronary intervention of right coronary artery chronic total occlusions: insights from a multicentre US registry. <i>EuroIntervention</i> , 2016, 12, e1326-e1335.	1.4	10
148	Contrast Utilization During Chronic Total Occlusion Percutaneous Coronary Intervention: Insights From a Contemporary Multicenter Registry. <i>Journal of Invasive Cardiology</i> , 2016, 28, 288-94.	0.4	14
149	Angina Severity, Depression, and Response to Percutaneous Revascularization in Patients With Chronic Total Occlusion of Coronary Arteries. <i>Journal of Invasive Cardiology</i> , 2016, 28, 44-51.	0.4	17
150	Side-Branch Occlusions in Coronary CTO-PCI: Avoid or Forget?. <i>Journal of Invasive Cardiology</i> , 2016, 28, 174-5.	0.4	0
151	Impact of Proximal Cap Ambiguity on Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention: Insights From a Multicenter US Registry. <i>Journal of Invasive Cardiology</i> , 2016, 28, 391-396.	0.4	7
152	Imaging inflammation and neovascularization in atherosclerosis. <i>Current Opinion in Cardiology</i> , 2015, 30, 671-680.	0.8	13
153	Blood Accessibility to Fibrin in Venous Thrombosis is Thrombus Age-Dependent and Predicts Fibrinolytic Efficacy: An In Vivo Fibrin Molecular Imaging Study. <i>Theranostics</i> , 2015, 5, 1317-1327.	4.6	21
154	Statins Improve the Resolution of Established Murine Venous Thrombosis: Reductions in Thrombus Burden and Vein Wall Scarring. <i>PLoS ONE</i> , 2015, 10, e0116621.	1.1	45
155	In Vivo Nanoparticle Assessment of Pathological Endothelium Predicts the Development of Inflow Stenosis in Murine Arteriovenous Fistula. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 189-196.	1.1	10
156	Intravascular fibrin molecular imaging improves the detection of unhealed stents assessed by optical coherence tomography in vivo. <i>European Heart Journal</i> , 2015, 38, ehv677.	1.0	45
157	Application and outcomes of a hybrid approach to chronic total occlusion percutaneous coronary intervention in a contemporary multicenter US registry. <i>International Journal of Cardiology</i> , 2015, 198, 222-228.	0.8	137
158	Clinical Utility of the Japan Chronic Total Occlusion Score in Coronary Chronic Total Occlusion Interventions. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e002171.	1.4	93
159	Response to Letter Regarding Article, ¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Enables the Detection of Recurrent Same-Site Deep Vein Thrombosis by Illuminating Recently Formed, Neutrophil-Rich Thrombus. <i>Circulation</i> , 2015, 131, e531-2.	1.6	0
160	TCT-392 Application and Outcomes of a Hybrid Approach to Chronic Total Occlusion Percutaneous Coronary Intervention in a Contemporary Multicenter US Registry. <i>Journal of the American College of Cardiology</i> , 2015, 66, B158.	1.2	0
161	TCT-161 Development of a new prediction rule for chronic total occlusion recanalization failure: The Prospective Global Registry for the Study of Chronic Total Occlusion Intervention (PROGRESS CTO) score. <i>Journal of the American College of Cardiology</i> , 2015, 66, B58-B59.	1.2	0
162	Dual modality intravascular optical coherence tomography (OCT) and near-infrared fluorescence (NIRF) imaging: a fully automated algorithm for the distance-calibration of NIRF signal intensity for quantitative molecular imaging. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 259-268.	0.7	50

#	ARTICLE	IF	CITATIONS
163	Intravascular Molecular Imaging of Proteolytic Activity. , 2015, , 79-106.		0
164	Imaging and Nanomedicine in Inflammatory Atherosclerosis. Science Translational Medicine, 2014, 6, 239sr1.	5.8	157
165	Molecular imaging of atherosclerosis: clinical state-of-the-art. Heart, 2014, 100, 1469-1477.	1.2	32
166	Stent Thrombosis. JACC: Cardiovascular Interventions, 2014, 7, 1081-1092.	1.1	159
167	¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Enables the Detection of Recurrent Same-Site Deep Vein Thrombosis by Illuminating Recently Formed, Neutrophil-Rich Thrombus. Circulation, 2014, 130, 1044-1052.	1.6	40
168	Inflammation and Neovascularization Intertwined in Atherosclerosis. Circulation, 2014, 130, 786-794.	1.6	47
169	Molecular Intravascular Imaging Approaches for Atherosclerosis. Current Cardiovascular Imaging Reports, 2014, 7, 9293.	0.4	10
170	Development of Whole Body and Intravascular Near-infrared Optical Molecular Imaging of Markers of Plaque Vulnerability in Atherosclerosis. Heart, 2014, 100, A128.1-A128.	1.2	1
171	Endothelial PGC-1 β Mediates Vascular Dysfunction in Diabetes. Cell Metabolism, 2014, 19, 246-258.	7.2	135
172	Molecular Imaging of Coronary Atherosclerosis. Contemporary Cardiology, 2014, , 187-202.	0.0	1
173	Abstract 501: Noninvasive Photodynamic Therapy of Murine Atherosclerosis Using Macrophage-Targeted Nanoparticles. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	1.1	0
174	Biological Imaging of Atherosclerosis: Moving Beyond Anatomy. Journal of Cardiovascular Translational Research, 2013, 6, 681-694.	1.1	6
175	High-Resolution Optical Mapping of Inflammatory Macrophages Following Endovascular Arterial Injury. Molecular Imaging and Biology, 2013, 15, 282-289.	1.3	14
176	The Advancing Clinical Impact of Molecular Imaging in CVD. JACC: Cardiovascular Imaging, 2013, 6, 1327-1341.	2.3	76
177	Imaging Atherosclerosis and Risk of Plaque Rupture. Current Atherosclerosis Reports, 2013, 15, 359.	2.0	50
178	Case 28-2013. New England Journal of Medicine, 2013, 369, 1047-1054.	13.9	15
179	The effect of matrix metalloproteinase 2 and matrix metalloproteinase 2/9 deletion in experimental post-thrombotic vein wall remodeling. Journal of Vascular Surgery, 2013, 58, 1375-1384.e2.	0.6	44
180	Molecular Imaging of Atherosclerosis. , 2013, , 425-447.		2

#	ARTICLE	IF	CITATIONS
181	High-resolution molecular imaging via intravital microscopy: illuminating vascular biology in vivo. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 278-290.	0.6	23
182	Matrix metalloproteinase-9 deletion is associated with decreased mid-term vein wall fibrosis in experimental stasis DVT. <i>Thrombosis Research</i> , 2013, 132, 360-366.	0.8	39
183	Abstract 52: Statin Therapy Accelerates Venous Thrombus Resolution: Assessment In Stasis And Chemical Injury Induced Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	1.1	0
184	Intravascular near-infrared fluorescence molecular imaging of atherosclerosis. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 3, 217-31.	1.0	14
185	Multifunctional nanoagent for thrombus-targeted fibrinolytic therapy. <i>Nanomedicine</i> , 2012, 7, 1017-1028.	1.7	69
186	Inflammation Modulates Murine Venous Thrombosis Resolution In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2616-2624.	1.1	28
187	Intravascular multispectral optoacoustic tomography of atherosclerosis: prospects and challenges. <i>Imaging in Medicine</i> , 2012, 4, 299-310.	0.0	19
188	Detection and Treatment of Intravascular Thrombi with Magnetofluorescent Nanoparticles. <i>Methods in Enzymology</i> , 2012, 508, 191-209.	0.4	11
189	Shining Light and Illuminating Murine Atherosclerosis via Optical Coherence Tomography. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1068-1069.	1.1	1
190	Diagnostic Accuracy of Fractional Flow Reserve From Anatomic CT Angiography. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 1237.	3.8	956
191	Noninvasive Assessment of Myocardial Inflammation by Cardiovascular Magnetic Resonance in a Rat Model of Experimental Autoimmune Myocarditis. <i>Circulation</i> , 2012, 125, 2603-2612.	1.6	49
192	The Year in Molecular Imaging. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 317-328.	2.3	15
193	Molecular Imaging of Fibrin Deposition in Deep Vein Thrombosis Using Fibrin-Targeted Near-Infrared Fluorescence. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 607-615.	2.3	77
194	Subject-Specific Estimation of Central Aortic Blood Pressure Using an Individualized Transfer Function: A Preliminary Feasibility Study. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2012, 16, 212-220.	3.6	35
195	Improving quantification of intravascular fluorescence imaging using structural information. <i>Physics in Medicine and Biology</i> , 2012, 57, 6395-6406.	1.6	11
196	Combined Image Deconvolution and Attenuation Correction for Intravascular Near Infrared Fluorescence Imaging. , 2012, , .		1
197	Abstract 28: Serial in Vivo Imaging of Thrombus Inflammation Predicts Venous Thrombus Resolution. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, .	1.1	0
198	Abstract 354: Improved Collagen Imaging in Large Pulsatile Vessels Using High-Resolution Second Harmonic Generation Microscopy and Retrospective Electrocardiogram Gating. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, .	1.1	0

#	ARTICLE	IF	CITATIONS
199	Two-Dimensional Intravascular Near-Infrared Fluorescence Molecular Imaging of Inflammation in Atherosclerosis and Stent-Induced Vascular Injury. <i>Journal of the American College of Cardiology</i> , 2011, 57, 2516-2526.	1.2	152
200	Rationale and design of the DeFACTO (Determination of Fractional Flow Reserve by Anatomic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 301-309.	0.7	118
201	Intravascular Optical Imaging Technology for Investigating the Coronary Artery. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 1022-1039.	2.3	114
202	Molecular imaging of macrophage protease activity in cardiovascular inflammation in vivo. <i>Thrombosis and Haemostasis</i> , 2011, 105, 828-836.	1.8	59
203	Projected Cost-effectiveness of Smoking Cessation Interventions in Patients Hospitalized With Myocardial Infarction. <i>Archives of Internal Medicine</i> , 2011, 171, 39-45.	4.3	48
204	In vivo Near Infrared Fluorescence (NIRF) Intravascular Molecular Imaging of Inflammatory Plaque, a Multimodal Approach to Imaging of Atherosclerosis. <i>Journal of Visualized Experiments</i> , 2011, , .	0.2	26
205	18F-FDG PET Imaging of Atherosclerosisâ€”A New Approach to Detect Inflamed, High-Risk Coronary Plaques?. <i>Current Cardiovascular Imaging Reports</i> , 2011, 4, 1-3.	0.4	5
206	Progress on multimodal molecular / anatomical intravascular imaging of coronary vessels combining near infrared fluorescence and ultrasound. , 2011, 2011, 1117-20.		3
207	Intravascular laser speckle imaging catheter for the mechanical evaluation of the arterial wall. <i>Journal of Biomedical Optics</i> , 2011, 16, 026005.	1.4	26
208	Indocyanine Green Enables Near-Infrared Fluorescence Imaging of Lipid-Rich, Inflamed Atherosclerotic Plaques. <i>Science Translational Medicine</i> , 2011, 3, 84ra45.	5.8	174
209	Double-cladding-fiber-based detection system for intravascular mapping of fluorescent molecular probes. , 2011, , .		0
210	An algorithm to correct 2D near-infrared fluorescence signals using 3D intravascular ultrasound architectural information. <i>Proceedings of SPIE</i> , 2011, , .	0.8	3
211	The role of nanomedicine in the imaging and therapy of thrombosis. <i>Nanomedicine</i> , 2011, 6, 1291-1293.	1.7	26
212	Intra-arterial catheter for simultaneous microstructural and molecular imaging in vivo. <i>Nature Medicine</i> , 2011, 17, 1680-1684.	15.2	289
213	Intravital Fluorescence Microscopic Molecular Imaging of Atherosclerosis. <i>Methods in Molecular Biology</i> , 2011, 680, 131-140.	0.4	3
214	Optical molecular imaging in atherosclerosis. <i>Journal of Nuclear Cardiology</i> , 2010, 17, 135-144.	1.4	4
215	The ATHEROMA Study: Rapid Anti-inflammatory Effects of High-Dose Statin Pharmacotherapy Illuminated by Molecular MRI. <i>Current Cardiovascular Imaging Reports</i> , 2010, 3, 1-3.	0.4	0
216	Emerging Molecular Targets for Intravascular Imaging of High-Risk Plaques. <i>Current Cardiovascular Imaging Reports</i> , 2010, 3, 237-247.	0.4	7

#	ARTICLE	IF	CITATIONS
217	A Light-Activated Theranostic Nanoagent for Targeted Macrophage Ablation in Inflammatory Atherosclerosis. <i>Small</i> , 2010, 6, 2041-2049.	5.2	128
218	Residual Thrombogenic Substrate After Rupture of a Lipid-Rich Plaque. <i>Circulation</i> , 2010, 122, 2349-2350.	1.6	30
219	Intravascular near-infrared fluorescence molecular imaging of atherosclerosis: toward coronary arterial visualization of biologically high-risk plaques. <i>Journal of Biomedical Optics</i> , 2010, 15, 011107.	1.4	50
220	Pioglitazone Suppresses Inflammation In Vivo in Murine Carotid Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1933-1939.	1.1	51
221	High resolution single-mode-fiber-based sensor for intravascular detection of fluorescent molecular probes. , 2010, , .		0
222	The Year in Molecular Imaging. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 1181-1195.	2.3	14
223	Case 28-2010. <i>New England Journal of Medicine</i> , 2010, 363, 1164-1173.	13.9	21
224	Near-infrared fluorescence catheter system for two-dimensional intravascular imaging in vivo. <i>Optics Express</i> , 2010, 18, 11372.	1.7	24
225	Arterial and Aortic Valve Calcification Abolished by Elastolytic Cathepsin S Deficiency in Chronic Renal Disease. <i>Circulation</i> , 2009, 119, 1785-1794.	1.6	272
226	Optical and Multimodality Molecular Imaging. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1017-1024.	1.1	173
227	Multimodal Nanoagents for the Detection of Intravascular Thrombi. <i>Bioconjugate Chemistry</i> , 2009, 20, 1251-1255.	1.8	80
228	Assessing Niacin as an Atherosclerosis Therapeutic Agent. <i>Journal of the American College of Cardiology</i> , 2009, 54, 1795-1796.	1.2	5
229	Clinical Outcomes and Cost-Effectiveness of Coronary Computed Tomography Angiography in the Evaluation of Patients With Chest Pain. <i>Journal of the American College of Cardiology</i> , 2009, 54, 2409-2422.	1.2	84
230	The Year in Molecular Imaging. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 97-113.	2.3	6
231	Noninvasive imaging of apoptosis in cardiovascular disease. <i>Heart Failure Reviews</i> , 2008, 13, 163-173.	1.7	53
232	Advances in fluorescence imaging of the cardiovascular system. <i>Journal of Nuclear Cardiology</i> , 2008, 15, 417-428.	1.4	20
233	A new approach to reconstruction of central aortic blood pressure using "adaptive" transfer function. , 2008, 2008, 813-6.		1
234	Transglutaminase activity in acute infarcts predicts healing outcome and left ventricular remodelling: implications for FXIII therapy and antithrombin use in myocardial infarction. <i>European Heart Journal</i> , 2008, 29, 445-454.	1.0	69

#	ARTICLE	IF	CITATIONS
235	Real-Time Catheter Molecular Sensing of Inflammation in Proteolytically Active Atherosclerosis. <i>Circulation</i> , 2008, 118, 1802-1809.	1.6	188
236	Advances in molecular imaging of atherosclerotic vascular disease. <i>Current Opinion in Cardiology</i> , 2008, 23, 620-628.	0.8	29
237	Osteogenesis Associates With Inflammation in Early-Stage Atherosclerosis Evaluated by Molecular Imaging In Vivo. <i>Circulation</i> , 2007, 116, 2841-2850.	1.6	606
238	Multimodality Molecular Imaging Identifies Proteolytic and Osteogenic Activities in Early Aortic Valve Disease. <i>Circulation</i> , 2007, 115, 377-386.	1.6	375
239	Optical Visualization of Cathepsin K Activity in Atherosclerosis With a Novel, Protease-Activatable Fluorescence Sensor. <i>Circulation</i> , 2007, 115, 2292-2298.	1.6	241
240	Molecular Imaging of Cardiovascular Disease. <i>Circulation</i> , 2007, 116, 1052-1061.	1.6	201
241	Assessment by Cardiovascular Magnetic Resonance, Electron Beam Computed Tomography, and Carotid Ultrasonography of the Distribution of Subclinical Atherosclerosis Across Framingham Risk Strata. <i>American Journal of Cardiology</i> , 2007, 99, 310-314.	0.7	51
242	Molecular and Cellular Imaging of Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1328-1338.	1.2	195
243	Molecular imaging of myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 921-933.	0.9	47
244	Cellular Imaging of Inflammation in Atherosclerosis Using Magnetofluorescent Nanomaterials. <i>Molecular Imaging</i> , 2006, 5, 7290.2006.00009.	0.7	124
245	A Macrophage-Targeted Theranostic Nanoparticle for Biomedical Applications. <i>Small</i> , 2006, 2, 983-987.	5.2	148
246	Factor XIII Deficiency Causes Cardiac Rupture, Impairs Wound Healing, and Aggravates Cardiac Remodeling in Mice With Myocardial Infarction. <i>Circulation</i> , 2006, 113, 1196-1202.	1.6	145
247	Noninvasive Vascular Cell Adhesion Molecule-1 Imaging Identifies Inflammatory Activation of Cells in Atherosclerosis. <i>Circulation</i> , 2006, 114, 1504-1511.	1.6	579
248	Detection of macrophage activity in atherosclerosis in vivo using multichannel, high-resolution laser scanning fluorescence microscopy. <i>Journal of Biomedical Optics</i> , 2006, 11, 021009.	1.4	41
249	Case 34-2006. <i>New England Journal of Medicine</i> , 2006, 355, 2022-2031.	13.9	2
250	Monocyte accumulation in mouse atherogenesis is progressive and proportional to extent of disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10340-10345.	3.3	316
251	Cellular imaging of inflammation in atherosclerosis using magnetofluorescent nanomaterials. <i>Molecular Imaging</i> , 2006, 5, 85-92.	0.7	70
252	Near-Infrared Fluorescent Imaging of Cerebral Thrombi and Blood-Brain Barrier Disruption in a Mouse Model of Cerebral Venous Sinus Thrombosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 226-233.	2.4	80

#	ARTICLE	IF	CITATIONS
253	Culprit Lesion Atherothrombectomy During Acute Myocardial Infarction. <i>Circulation</i> , 2005, 112, e267.	1.6	1
254	A Branched Fluorescent Peptide Probe for Imaging of Activated Platelets. <i>Molecular Pharmaceutics</i> , 2005, 2, 92-95.	2.3	18
255	Development of a near infrared fluorescence catheter: operating characteristics and feasibility for atherosclerotic plaque detection. <i>Journal Physics D: Applied Physics</i> , 2005, 38, 2701-2707.	1.3	28
256	Molecular Imaging in the Clinical Arena. <i>JAMA - Journal of the American Medical Association</i> , 2005, 293, 855.	3.8	322
257	Molecular Imaging of Factor XIIIa Activity in Thrombosis Using a Novel, Near-Infrared Fluorescent Contrast Agent That Covalently Links to Thrombi. <i>Circulation</i> , 2004, 110, 170-176.	1.6	129
258	Seeing Within. <i>Circulation Research</i> , 2004, 94, 433-445.	2.0	196
259	Novel Factor XIII Probes for Blood Coagulation Imaging. <i>ChemBioChem</i> , 2003, 4, 897-899.	1.3	70
260	Molecular Imaging of Cancer Using Fluorescent Probe Technology. , 2003, , 247-267.		1
261	In Vivo Imaging of Thrombin Activity in Experimental Thrombi With Thrombin-Sensitive Near-Infrared Molecular Probe. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1929-1935.	1.1	132
262	Age and Sex Distribution of Subclinical Aortic Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 849-854.	1.1	191
263	A Novel Near-Infrared Fluorescence Sensor for Detection of Thrombin Activation in Blood. <i>ChemBioChem</i> , 2002, 3, 207-211.	1.3	77
264	Scan Reproducibility of Magnetic Resonance Imaging Assessment of Aortic Atherosclerosis Burden. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2001, 3, 331-338.	1.6	58
265	Centric ordering is superior to gradient moment nulling for motion artifact reduction in EPI. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 1122-1131.	1.9	5
266	A method to improve the BO homogeneity of the heart in vivo. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 375-383.	1.9	34
267	The Evaluation of Dielectric Resonators Containing H ₂ O or D ₂ O as RF Coils for High-Field MR Imaging and Spectroscopy. <i>Journal of Magnetic Resonance Series B</i> , 1996, 110, 117-123.	1.6	50
268	Radiofrequency shielding of surface coils at 4.0 t. <i>Journal of Magnetic Resonance Imaging</i> , 1995, 5, 773-777.	1.9	23
269	An in vivo automated shimming method taking into account shim current constraints. <i>Magnetic Resonance in Medicine</i> , 1995, 34, 898-904.	1.9	53
270	Musculoskeletal MR imaging at 4 T and at 1.5 T: comparison of relaxation times and image contrast.. <i>Radiology</i> , 1995, 196, 551-555.	3.6	94