Farouc A Jaffer,, Fscai

List of Publications by Year
in descending order

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	Diagnostic Accuracy of Fractional Flow Reserve From Anatomic CT Angiography. JAMA - Journal of the American Medical Association, 2012, 308, 1237.	3.8	956
2	Osteogenesis Associates With Inflammation in Early-Stage Atherosclerosis Evaluated by Molecular Imaging In Vivo. Circulation, 2007, 116, 2841-2850.	1.6	606
3	Noninvasive Vascular Cell Adhesion Molecule-1 Imaging Identifies Inflammatory Activation of Cells in Atherosclerosis. Circulation, 2006, 114, 1504-1511.	1.6	579
4	Multimodality Molecular Imaging Identifies Proteolytic and Osteogenic Activities in Early Aortic Valve Disease. Circulation, 2007, 115, 377-386.	1.6	375
5	Molecular Imaging in the Clinical Arena. JAMA - Journal of the American Medical Association, 2005, 293, 855.	3.8	322
6	Monocyte accumulation in mouse atherogenesis is progressive and proportional to extent of disease. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10340-10345.	3.3	316
7	Intra-arterial catheter for simultaneous microstructural and molecular imaging in vivo. Nature Medicine, 2011, 17, 1680-1684.	15.2	289
8	Development and Validation of a Novel Scoring System for Predicting Technical Success of Chronic Total Occlusion Percutaneous Coronary Interventions. JACC: Cardiovascular Interventions, 2016, 9, 1-9.	1.1	276
9	Arterial and Aortic Valve Calcification Abolished by Elastolytic Cathepsin S Deficiency in Chronic Renal Disease. Circulation, 2009, 119, 1785-1794.	1.6	272
10	Guiding Principles for Chronic Total Occlusion Percutaneous Coronary Intervention. Circulation, 2019, 140, 420-433.	1.6	263
11	Optical Visualization of Cathepsin K Activity in Atherosclerosis With a Novel, Protease-Activatable Fluorescence Sensor. Circulation, 2007, 115, 2292-2298.	1.6	241
12	Molecular Imaging of Cardiovascular Disease. Circulation, 2007, 116, 1052-1061.	1.6	201
13	Seeing Within. Circulation Research, 2004, 94, 433-445.	2.0	196
14	Molecular and Cellular Imaging of Atherosclerosis. Journal of the American College of Cardiology, 2006, 47, 1328-1338.	1.2	195
15	Age and Sex Distribution of Subclinical Aortic Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 849-854.	1.1	191
16	Real-Time Catheter Molecular Sensing of Inflammation in Proteolytically Active Atherosclerosis. Circulation, 2008, 118, 1802-1809.	1.6	188
17	Indocyanine Green Enables Near-Infrared Fluorescence Imaging of Lipid-Rich, Inflamed Atherosclerotic Plaques. Science Translational Medicine, 2011, 3, 84ra45.	5.8	174
18	Optical and Multimodality Molecular Imaging. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1017-1024.	1.1	173

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19	Noninvasive FFR Derived From CoronaryÂCT Angiography. JACC: Cardiovascular Imaging, 2017, 10, 1350-1358.	2.3	162
20	Stent Thrombosis. JACC: Cardiovascular Interventions, 2014, 7, 1081-1092.	1.1	159
21	The Hybrid Approach to ChronicÂTotalÂOcclusion PercutaneousÂCoronaryÂIntervention. JACC: Cardiovascular Interventions, 2018, 11, 1325-1335.	1.1	159
22	Imaging and Nanomedicine in Inflammatory Atherosclerosis. Science Translational Medicine, 2014, 6, 239sr1.	5.8	157
23	Two-Dimensional Intravascular Near-Infrared Fluorescence Molecular Imaging of Inflammation in Atherosclerosis and Stent-Induced Vascular Injury. Journal of the American College of Cardiology, 2011, 57, 2516-2526.	1.2	152
24	Hybrid intravascular imaging: recent advances, technical considerations, and current applications in the study of plaque pathophysiology. European Heart Journal, 2017, 38, 400-412.	1.0	152
25	A Macrophage-Targeted Theranostic Nanoparticle for Biomedical Applications. Small, 2006, 2, 983-987.	5.2	148
26	Factor XIII Deficiency Causes Cardiac Rupture, Impairs Wound Healing, and Aggravates Cardiac Remodeling in Mice With Myocardial Infarction. Circulation, 2006, 113, 1196-1202.	1.6	145
27	Clinical Characterization of CoronaryÂAtherosclerosis With Dual-Modality OCTÂand Near-Infrared AutofluorescenceÂImaging. JACC: Cardiovascular Imaging, 2016, 9, 1304-1314.	2.3	141
28	Application and outcomes of a hybrid approach to chronic total occlusion percutaneous coronary intervention in a contemporary multicenter US registry. International Journal of Cardiology, 2015, 198, 222-228.	0.8	137
29	Endothelial PGC-1Î± Mediates Vascular Dysfunction in Diabetes. Cell Metabolism, 2014, 19, 246-258.	7.2	135
30	In Vivo Imaging of Thrombin Activity in Experimental Thrombi With Thrombin-Sensitive Near-Infrared Molecular Probe. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1929-1935.	1.1	132
31	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
32	Molecular Imaging of Factor XIIIa Activity in Thrombosis Using a Novel, Near-Infrared Fluorescent Contrast Agent That Covalently Links to Thrombi. Circulation, 2004, 110, 170-176.	1.6	129
33	A Lightâ€Activated Theranostic Nanoagent for Targeted Macrophage Ablation in Inflammatory Atherosclerosis. Small, 2010, 6, 2041-2049.	5.2	128
34	Cellular Imaging of Inflammation in Atherosclerosis Using Magnetofluorescent Nanomaterials. Molecular Imaging, 2006, 5, 7290.2006.00009.	0.7	124
35	Rationale and design of the DeFACTO (Determination of Fractional Flow Reserve by Anatomic) Tj ETQq1 1 0.784314 rgBT /Overlock 1 301-309.	0.7	118
36	Intravascular Optical Imaging Technology for Investigating the Coronary Artery. JACC: Cardiovascular Imaging, 2011, 4, 1022-1039.	2.3	114

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37	Global Chronic Total Occlusion CrossingÂAlgorithm. Journal of the American College of Cardiology, 2021, 78, 840-853.	1.2	111
38	An HDAC9-MALAT1-BRG1 complex mediates smooth muscle dysfunction in thoracic aortic aneurysm. Nature Communications, 2018, 9, 1009.	5.8	105
39	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
40	Musculoskeletal MR imaging at 4 T and at 1.5 T: comparison of relaxation times and image contrast.. Radiology, 1995, 196, 551-555.	3.6	94
41	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
42	Clinical Utility of the Japanâ€“Chronic Total Occlusion Score in Coronary Chronic Total Occlusion Interventions. Circulation: Cardiovascular Interventions, 2015, 8, e002171.	1.4	93
43	Clinical Outcomes and Cost-Effectiveness of Coronary Computed Tomography Angiography in the Evaluation of Patients With Chest Pain. Journal of the American College of Cardiology, 2009, 54, 2409-2422.	1.2	84
44	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
45	Near-Infrared Fluorescent Imaging of Cerebral Thrombi and Bloodâ€“Brain Barrier Disruption in a Mouse Model of Cerebral Venous Sinus Thrombosis. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 226-233.	2.4	80
46	Multimodal Nanoagents for the Detection of Intravascular Thrombi. Bioconjugate Chemistry, 2009, 20, 1251-1255.	1.8	80
47	Targeted Near-Infrared Fluorescence Imaging ofÂAtherosclerosis. JACC: Cardiovascular Imaging, 2016, 9, 1087-1095.	2.3	80
48	A Novel Near-Infrared Fluorescence Sensor for Detection of Thrombin Activation in Blood. ChemBioChem, 2002, 3, 207-211.	1.3	77
49	Molecular Imaging of Fibrin Deposition in Deep Vein Thrombosis Using Fibrin-Targeted Near-Infrared Fluorescence. JACC: Cardiovascular Imaging, 2012, 5, 607-615.	2.3	77
50	The Advancing Clinical Impact of Molecular Imaging in CVD. JACC: Cardiovascular Imaging, 2013, 6, 1327-1341.	2.3	76
51	Novel Factor XIII Probes for Blood Coagulation Imaging. ChemBioChem, 2003, 4, 897-899.	1.3	70
52	Cellular imaging of inflammation in atherosclerosis using magnetofluorescent nanomaterials. Molecular Imaging, 2006, 5, 85-92.	0.7	70
53	Transglutaminase activity in acute infarcts predicts healing outcome and left ventricular remodelling: implications for FXIII therapy and antithrombin use in myocardial infarction. European Heart Journal, 2008, 29, 445-454.	1.0	69
54	Multifunctional nanoagent for thrombus-targeted fibrinolytic therapy. Nanomedicine, 2012, 7, 1017-1028.	1.7	69

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55	Incidence, Treatment, and Outcomes of Coronary Perforation During Chronic Total Occlusion Percutaneous Coronary Intervention. American Journal of Cardiology, 2017, 120, 1285-1292.	0.7	66
56	<scp>SCAI</scp> position statement on optimal percutaneous coronary interventional therapy for complex coronary artery disease. Catheterization and Cardiovascular Interventions, 2020, 96, 346-362.	0.7	65
57	Molecular imaging of macrophage protease activity in cardiovascular inflammation in vivo. Thrombosis and Haemostasis, 2011, 105, 828-836.	1.8	59
58	Scan Reproducibility of Magnetic Resonance Imaging Assessment of Aortic Atherosclerosis Burden. Journal of Cardiovascular Magnetic Resonance, 2001, 3, 331-338.	1.6	58
59	Multimodality Cardiovascular Imaging in the Midst of the COVID-19 Pandemic. JACC: Cardiovascular Imaging, 2020, 13, 1615-1626.	2.3	56
60	Anin vivo automated shimming method taking into account shim current constraints. Magnetic Resonance in Medicine, 1995, 34, 898-904.	1.9	53
61	Noninvasive imaging of apoptosis in cardiovascular disease. Heart Failure Reviews, 2008, 13, 163-173.	1.7	53
62	Assessment by Cardiovascular Magnetic Resonance, Electron Beam Computed Tomography, and Carotid Ultrasonography of the Distribution of Subclinical Atherosclerosis Across Framingham Risk Strata. American Journal of Cardiology, 2007, 99, 310-314.	0.7	51
63	Pioglitazone Suppresses Inflammation In Vivo in Murine Carotid Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1933-1939.	1.1	51
64	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
65	The Evaluation of Dielectric Resonators Containing H2O or D2O as RF Coils for High-Field MR Imaging and Spectroscopy. Journal of Magnetic Resonance Series B, 1996, 110, 117-123.	1.6	50
66	Intravascular near-infrared fluorescence molecular imaging of atherosclerosis: toward coronary arterial visualization of biologically high-risk plaques. Journal of Biomedical Optics, 2010, 15, 011107.	1.4	50
67	Imaging Atherosclerosis and Risk of Plaque Rupture. Current Atherosclerosis Reports, 2013, 15, 359.	2.0	50
68	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. International Journal of Cardiovascular Imaging, 2015, 31, 259-268.	0.7	50
69	Noninvasive Assessment of Myocardial Inflammation by Cardiovascular Magnetic Resonance in a Rat Model of Experimental Autoimmune Myocarditis. Circulation, 2012, 125, 2603-2612.	1.6	49
70	Projected Cost-effectiveness of Smoking Cessation Interventions in Patients Hospitalized With Myocardial Infarction. Archives of Internal Medicine, 2011, 171, 39-45.	4.3	48
71	Molecular imaging of myocardial infarction. Journal of Molecular and Cellular Cardiology, 2006, 41, 921-933.	0.9	47
72	Inflammation and Neovascularization Intertwined in Atherosclerosis. Circulation, 2014, 130, 786-794.	1.6	47

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73	Procedural Outcomes of Percutaneous Coronary Interventions for Chronic Total Occlusions Via the Radial Approach. JACC: Cardiovascular Interventions, 2019, 12, 346-358.	1.1	47
74	Statins Improve the Resolution of Established Murine Venous Thrombosis: Reductions in Thrombus Burden and Vein Wall Scarring. PLoS ONE, 2015, 10, e0116621.	1.1	45
75	Intravascular fibrin molecular imaging improves the detection of unhealed stents assessed by optical coherence tomographyin vivo. European Heart Journal, 2015, 38, ehv677.	1.0	45
76	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
77	Predicting Periprocedural Complications in Chronic Total Occlusion Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2022, 15, 1413-1422.	1.1	45
78	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
79	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
80	Atheroma Susceptible to Thrombosis Exhibit Impaired Endothelial Permeability In Vivo as Assessed by Nanoparticle-Based Fluorescence Molecular Imaging. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	43
81	Detection of macrophage activity in atherosclerosis in vivo using multichannel, high-resolution laser scanning fluorescence microscopy. Journal of Biomedical Optics, 2006, 11, 021009.	1.4	41
82	Real-time fusion of coronary CT angiography with x-ray fluoroscopy during chronic total occlusion PCI. European Radiology, 2017, 27, 2464-2473.	2.3	41
83	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
84	Matrix metalloproteinase-9 deletion is associated with decreased mid-term vein wall fibrosis in experimental stasis DVT. Thrombosis Research, 2013, 132, 360-366.	0.8	39
85	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
86	Near Infrared Fluorescence (NIRF) Molecular Imaging of Oxidized LDL with an Autoantibody in Experimental Atherosclerosis. Scientific Reports, 2016, 6, 21785.	1.6	38
87	Prevalence, indications and management of balloon uncrossable chronic total occlusions: Insights from a contemporary multicenter US registry. Catheterization and Cardiovascular Interventions, 2017, 90, 12-20.	0.7	37
88	Subject-Specific Estimation of Central Aortic Blood Pressure Using an Individualized Transfer Function: A Preliminary Feasibility Study. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 212-220.	3.6	35
89	A method to improve the BO homogeneity of the heartin vivo. Magnetic Resonance in Medicine, 1996, 36, 375-383.	1.9	34
90	Impact of Calcium on Chronic Total Occlusion Percutaneous Coronary Interventions. American Journal of Cardiology, 2017, 120, 40-46.	0.7	33

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91	Molecular imaging of atherosclerosis: clinical state-of-the-art. Heart, 2014, 100, 1469-1477.	1.2	32
92	Inhibition of the methyltranferase EZH2 improves aortic performance in experimental thoracic aortic aneurysm. JCI Insight, 2018, 3, .	2.3	32
93	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
94	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
95	Technical and procedural outcomes of the retrograde approach to chronic total occlusion interventions. EuroIntervention, 2020, 16, e891-e899.	1.4	31
96	Residual Thrombogenic Substrate After Rupture of a Lipid-Rich Plaque. Circulation, 2010, 122, 2349-2350.	1.6	30
97	Advances in molecular imaging of atherosclerotic vascular disease. Current Opinion in Cardiology, 2008, 23, 620-628.	0.8	29
98	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
99	Development of a near infrared fluorescence catheter: operating characteristics and feasibility for atherosclerotic plaque detection. Journal Physics D: Applied Physics, 2005, 38, 2701-2707.	1.3	28
100	Inflammation Modulates Murine Venous Thrombosis Resolution In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2616-2624.	1.1	28
101	Endotoxaemia-augmented murine venous thrombosis is dependent on TLR-4 and ICAM-1, and potentiated by neutropenia. Thrombosis and Haemostasis, 2017, 117, 339-348.	1.8	28
102	Usefulness of Atherectomy in Chronic Total Occlusion Interventions (from the PROGRESS-CTO) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.7	28
103	3D cellular-resolution imaging in arteries using few-mode interferometry. Light: Science and Applications, 2019, 8, 104.	7.7	27
104	In vivo Near Infrared Fluorescence (NIRF) Intravascular Molecular Imaging of Inflammatory Plaque, a Multimodal Approach to Imaging of Atherosclerosis. Journal of Visualized Experiments, 2011, , .	0.2	26
105	Intravascular laser speckle imaging catheter for the mechanical evaluation of the arterial wall. Journal of Biomedical Optics, 2011, 16, 026005.	1.4	26
106	The role of nanomedicine in the imaging and therapy of thrombosis. Nanomedicine, 2011, 6, 1291-1293.	1.7	26
107	Quantitative intravascular biological fluorescence-ultrasound imaging of coronary and peripheral arteries in vivo. European Heart Journal Cardiovascular Imaging, 2017, 18, 1253-1261.	0.5	26
108	Prevalence, Presentation and Treatment of â€˜Balloon Undilatableâ€™ Chronic Total Occlusions: Insights from a Multicenter US Registry. Catheterization and Cardiovascular Interventions, 2018, 91, 657-666.	0.7	26

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109	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
110	Metabolic and Molecular Imaging of Atherosclerosis and Venous Thromboembolism. Journal of Nuclear Medicine, 2017, 58, 871-877.	2.8	25
111	Near-infrared fluorescence catheter system for two-dimensional intravascular imaging in vivo. Optics Express, 2010, 18, 11372.	1.7	24
112	Guidewire and microcatheter utilization patterns during antegrade wire escalation in chronic total occlusion percutaneous coronary intervention: Insights from a contemporary multicenter registry. Catheterization and Cardiovascular Interventions, 2017, 89, E90-E98.	0.7	24
113	Radiofrequency shielding of surface coils at 4.0 t. Journal of Magnetic Resonance Imaging, 1995, 5, 773-777.	1.9	23
114	High-resolution molecular imagingviaintravital microscopy: illuminating vascular biologyin vivo. Integrative Biology (United Kingdom), 2013, 5, 278-290.	0.6	23
115	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
116	Outcomes of subintimal plaque modification in chronic total occlusion percutaneous coronary intervention. Catheterization and Cardiovascular Interventions, 2020, 96, 1029-1035.	0.7	23
117	HDAC9 complex inhibition improves smooth muscleâ€“dependent stenotic vascular disease. JCI Insight, 2019, 4, .	2.3	23
118	Examining the Operator Learning Curve for Percutaneous Coronary Intervention of Chronic Total Occlusions. Circulation: Cardiovascular Interventions, 2019, 12, e007877.	1.4	22
119	Ly6CLo Monocyte/Macrophages are Essential for Thrombus Resolution in a Murine Model of Venous Thrombosis. Thrombosis and Haemostasis, 2020, 120, 289-299.	1.8	22
120	Cardiovascular Mortality and Exposure to Heat in an Inherently Hot Region. Circulation, 2020, 141, 1271-1273.	1.6	22
121	Case 28-2010. New England Journal of Medicine, 2010, 363, 1164-1173.	13.9	21
122	Blood Accessibility to Fibrin in Venous Thrombosis is Thrombus Age-Dependent and Predicts Fibrinolytic Efficacy: An In Vivo Fibrin Molecular Imaging Study. Theranostics, 2015, 5, 1317-1327.	4.6	21
123	Cardiac Imaging in the Post-ISCHEMIA Trial Era. JACC: Cardiovascular Imaging, 2020, 13, 1815-1833.	2.3	21
124	Retrograde Chronic Total Occlusion Percutaneous Coronary Intervention viaÂSaphenous Vein Graft. JACC: Cardiovascular Interventions, 2020, 13, 517-526.	1.1	21
125	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
126	Myeloid-related protein-14 regulates deep vein thrombosis. JCI Insight, 2017, 2, .	2.3	21

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127	Advances in fluorescence imaging of the cardiovascular system. Journal of Nuclear Cardiology, 2008, 15, 417-428.	1.4	20
128	Intravascular Molecular Imaging: Near-Infrared Fluorescence as a New Frontier. Frontiers in Cardiovascular Medicine, 2020, 7, 587100.	1.1	20
129	Intravascular multispectral optoacoustic tomography of atherosclerosis: prospects and challenges. Imaging in Medicine, 2012, 4, 299-310.	0.0	19
130	Predictors of Excess Patient Radiation Exposure During Chronic Total Occlusion Coronary Intervention: Insights From a Contemporary Multicentre Registry. Canadian Journal of Cardiology, 2017, 33, 478-484.	0.8	19
131	Depression and Angina Among Patients Undergoing Chronic Total Occlusion Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2019, 12, 651-658.	1.1	19
132	Outcomes of retrograde chronic total occlusion percutaneous coronary intervention: A report from the OPENâ€CTO registry. Catheterization and Cardiovascular Interventions, 2021, 97, 1162-1173.	0.7	19
133	A Branched Fluorescent Peptide Probe for Imaging of Activated Platelets. Molecular Pharmaceutics, 2005, 2, 92-95.	2.3	18
134	Paclitaxel Drug-Coated Balloon Angioplasty Suppresses Progression and Inflammation of Experimental Atherosclerosis in Rabbits. JACC Basic To Translational Science, 2020, 5, 685-695.	1.9	18
135	Angina Severity, Depression, and Response to Percutaneous Revascularization in Patients With Chronic Total Occlusion of Coronary Arteries. Journal of Invasive Cardiology, 2016, 28, 44-51.	0.4	17
136	The Year in Molecular Imaging. JACC: Cardiovascular Imaging, 2012, 5, 317-328.	2.3	15
137	Case 28-2013. New England Journal of Medicine, 2013, 369, 1047-1054.	13.9	15
138	The Year in Molecular Imaging. JACC: Cardiovascular Imaging, 2010, 3, 1181-1195.	2.3	14
139	High-Resolution Optical Mapping of Inflammatory Macrophages Following Endovascular Arterial Injury. Molecular Imaging and Biology, 2013, 15, 282-289.	1.3	14
140	Everolimus-eluting stents stabilize plaque inflammation in vivo: assessment by intravascular fluorescence molecular imaging. European Heart Journal Cardiovascular Imaging, 2017, 18, 510-518.	0.5	14
141	Prevalence and Outcomes of Percutaneous Coronary Interventions for Ostial Chronic Total Occlusions: Insights From a Multicenter Chronic Total Occlusion Registry. Canadian Journal of Cardiology, 2018, 34, 1264-1274.	0.8	14
142	Intravascular near-infrared fluorescence molecular imaging of atherosclerosis. American Journal of Nuclear Medicine and Molecular Imaging, 2013, 3, 217-31.	1.0	14
143	Contrast Utilization During Chronic Total Occlusion Percutaneous Coronary Intervention: Insights From a Contemporary Multicenter Registry. Journal of Invasive Cardiology, 2016, 28, 288-94.	0.4	14
144	Imaging inflammation and neovascularization in atherosclerosis. Current Opinion in Cardiology, 2015, 30, 671-680.	0.8	13

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145	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
146	Imaging the Intersection of Oxidative Stress, Lipids, and Inflammation. Journal of the American College of Cardiology, 2018, 71, 336-338.	1.2	12
147	Detection and Treatment of Intravascular Thrombi with Magnetofluorescent Nanoparticles. Methods in Enzymology, 2012, 508, 191-209.	0.4	11
148	Impact of diabetes mellitus on acute outcomes of percutaneous coronary intervention in chronic total occlusions: insights from a <scp>US</scp> multicentre registry. Diabetic Medicine, 2017, 34, 558-562.	1.2	11
149	In-Stent CTO Percutaneous CoronaryÂIntervention. JACC: Cardiovascular Interventions, 2021, 14, 1308-1319.	1.1	11
150	Improving quantification of intravascular fluorescence imaging using structural information. Physics in Medicine and Biology, 2012, 57, 6395-6406.	1.6	11
151	Retrograde CTO-PCI of Native Coronary Arteries Via Left Internal Mammary Artery Grafts: Insights From a Multicenter U.S. Registry. Journal of Invasive Cardiology, 2018, 30, 89-96.	0.4	11
152	Mechanical Circulatory Support in Chronic Total Occlusion Percutaneous Coronary Intervention: Insights From a Multicenter U.S. Registry. Journal of Invasive Cardiology, 2018, 30, 81-87.	0.4	11
153	Molecular Intravascular Imaging Approaches for Atherosclerosis. Current Cardiovascular Imaging Reports, 2014, 7, 9293.	0.4	10
154	In Vivo Nanoparticle Assessment of Pathological Endothelium Predicts the Development of Inflow Stenosis in Murine Arteriovenous Fistula. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 189-196.	1.1	10
155	InÂVivo 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
156	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
157	Approaches to percutaneous coronary intervention of right coronary artery chronic total occlusions: insights from a multicentre US registry. EuroIntervention, 2016, 12, e1326-e1335.	1.4	10
158	Molecular Imaging of Atherosclerosis: a Clinical Focus. Current Cardiovascular Imaging Reports, 2017, 10, 1.	0.4	9
159	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
160	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
161	Intravascular NIRF Molecular Imaging Approaches in Coronary Artery Disease. Current Cardiovascular Imaging Reports, 2016, 9, 1.	0.4	8
162	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

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163	Equipment utilization in chronic total occlusion percutaneous coronary interventions: Insights from the PROGRESSâ€CTO registry. Catheterization and Cardiovascular Interventions, 2021, 97, 658-667.	0.7	8
164	In Vivo Platelet Detection Using a Glycoprotein IIb/IIIa-Targeted Near-Infrared Fluorescence Imaging Probe. ACS Sensors, 2021, 6, 2225-2232.	4.0	8
165	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
166	Emerging Molecular Targets for Intravascular Imaging of High-Risk Plaques. Current Cardiovascular Imaging Reports, 2010, 3, 237-247.	0.4	7
167	Target Vessel Revascularization and Territory of Myocardial Ischemia in Patients With Chronic Total Occlusions. Journal of the American College of Cardiology, 2017, 70, 1196-1197.	1.2	7
168	Highly Selective PPARÎ± (Peroxisome Proliferatorâ€Activated Receptor Î±) Agonist Pemafibrate Inhibits Stent Inflammation and Restenosis Assessed by Multimodality Molecularâ€Microstructural Imaging. Journal of the American Heart Association, 2021, 10, e020834.	1.6	7
169	Impact of Proximal Cap Ambiguity on Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention: Insights From a Multicenter US Registry. Journal of Invasive Cardiology, 2016, 28, 391-396.	0.4	7
170	Prevalence and outcomes of balloon undilatable chronic total occlusions: Insights from the PROGRESS-CTO. International Journal of Cardiology, 2022, , .	0.8	7
171	The Year in Molecular Imaging. JACC: Cardiovascular Imaging, 2009, 2, 97-113.	2.3	6
172	Biological Imaging of Atherosclerosis: Moving Beyond Anatomy. Journal of Cardiovascular Translational Research, 2013, 6, 681-694.	1.1	6
173	Coronary artery spatial distribution of chronic total occlusions: Insights from a large US registry. Catheterization and Cardiovascular Interventions, 2017, 90, 23-30.	0.7	6
174	The Impact of Peripheral Artery Disease in Chronic Total Occlusion Percutaneous Coronary Intervention (Insights From PROGRESS-CTO Registry). Angiology, 2020, 71, 274-280.	0.8	6
175	Practical cardiovascular risk calculator for asymptomatic patients with type 2 diabetes mellitus: <scp>PRECISEâ€DM</scp> risk score. Clinical Cardiology, 2020, 43, 1040-1047.	0.7	6
176	Incidence, Predictors, and Outcomes of Thrombotic Events in Hospitalized Patients With Viral Pneumonia. American Journal of Cardiology, 2021, 143, 164-165.	0.7	6
177	Outcomes of chronic total occlusion percutaneous coronary intervention in patients with reduced left ventricular ejection fraction. Catheterization and Cardiovascular Interventions, 2022, 99, 1059-1064.	0.7	6
178	Predictors of success in primary retrograde strategy in chronic total occlusion percutaneous coronary intervention: insights from the PROGRESSâ€chronic total occlusion registry. Catheterization and Cardiovascular Interventions, 2022, 100, 19-27.	0.7	6
179	Understudied factors in drugâ€coated balloon design and evaluation: A biophysical perspective. Bioengineering and Translational Medicine, 2023, 8, .	3.9	6
180	Centric ordering is superior to gradient moment nulling for motion artifact reduction in EPI. Journal of Magnetic Resonance Imaging, 1997, 7, 1122-1131.	1.9	5

#	Article	IF	Citations
181	Assessing Niacin as an Atherosclerosis Therapeutic Agent. Journal of the American College of Cardiology, 2009, 54, 1795-1796.	1.2	5
182	18F-FDG PET Imaging of Atherosclerosisâ€"A New Approach to Detect Inflamed, High-Risk Coronary Plaques?. Current Cardiovascular Imaging Reports, 2011, 4, 1-3.	0.4	5
183	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
184	Role of Coronary Computed Tomography Angiography in Percutaneous Coronary Intervention of Chronic Total Occlusions. Current Cardiovascular Imaging Reports, 2020, 13, 1.	0.4	5
185	Optical molecular imaging in atherosclerosis. Journal of Nuclear Cardiology, 2010, 17, 135-144.	1.4	4
186	Chronic Total Occlusion Interventions: Update on Current Tips and Tricks. Current Cardiology Reports, 2018, 20, 141.	1.3	4
187	In-hospital Outcomes of Attempting More Than One Chronic Total Coronary Occlusion Through Percutaneous Intervention During the Same Procedure. American Journal of Cardiology, 2018, 122, 381-387.	0.7	4
188	IVUS and OCT: Current State-of-the-Art in Intravascular Coronary Imaging. Current Cardiovascular Imaging Reports, 2019, 12, 1.	0.4	4
189	Impact of concomitant treatment of non-chronic total occlusion lesions at the time of chronic total occlusion intervention. International Journal of Cardiology, 2020, 299, 75-80.	0.8	4
190	Intravascular Molecular Imaging to Detect High-Risk Vulnerable Plaques: Current Knowledge and Future Perspectives. Current Cardiovascular Imaging Reports, 2020, 13, 1.	0.4	4
191	Intravascular Molecular-Structural Assessment of Arterial Inflammation in Preclinical Atherosclerosis Progression. JACC: Cardiovascular Imaging, 2021, 14, 2265-2267.	2.3	4
192	Progress on multimodal molecular / anatomical intravascular imaging of coronary vessels combining near infrared fluorescence and ultrasound. , 2011, 2011, 1117-20.		3
193	An algorithm to correct 2D near-infrared fluorescence signals using 3D intravascular ultrasound architectural information. Proceedings of SPIE, 2011, , .	0.8	3
194	Chronic total occlusion percutaneous coronary intervention in octogenarians and nonagenarians. Journal of the American Geriatrics Society, 2021, 69, 1560-1569.	1.3	3
195	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
196	Trends and outcomes of utilization of thrombectomy during primary percutaneous coronary intervention. Cardiovascular Revascularization Medicine, 2021, , .	0.3	3
197	Intravascular molecularâ€structural imaging with a miniaturized integrated nearâ€infrared fluorescence and ultrasound catheter. Journal of Biophotonics, 2021, 14, e202100048.	1.1	3
198	Intravital Fluorescence Microscopic Molecular Imaging of Atherosclerosis. Methods in Molecular Biology, 2011, 680, 131-140.	0.4	3

#	Article	IF	Citations
199	The year in cardiovascular medicine 2021: interventional cardiology. European Heart Journal, 2022, 43, 377-386.	1.0	3
200	Histopathological correlation of near infrared autofluorescence in human cadaver coronary arteries. Atherosclerosis, 2022, 344, 31-39.	0.4	3
201	Imaging High-Risk Atherothrombosis Using a Novel Fibrin-Binding Positron Emission Tomography Probe. Stroke, 2022, 53, 595-604.	1.0	3
202	Intravascular Fluorescence Molecular Imaging of Atherosclerosis. Methods in Molecular Biology, 2022, 2419, 853-872.	0.4	3
203	Case 34-2006. New England Journal of Medicine, 2006, 355, 2022-2031.	13.9	2
204	Molecular Imaging of Atherosclerosis. , 2013, , 425-447.		2
205	Multivessel CAD in Nondiabetic Patients. Journal of the American College of Cardiology, 2016, 68, 37-39.	1.2	2
206	Imaging the Coronary Artery Plaque: Approaches, Advances, and Challenges. Current Cardiovascular Imaging Reports, 2017, 10, 1.	0.4	2
207	Wire-Free and Adenosine-Free Fractional Flow Reserve Derived From the Angiogram. Circulation: Cardiovascular Imaging, 2018, 11, e007594.	1.3	2
208	TCT-56 High-resolution Intravascular OCT-NIRF Molecular Imaging for In Vivo Assessment of Inflammation in Atherosclerosis and Vascular Injury. Journal of the American College of Cardiology, 2018, 72, B25.	1.2	2
209	Getting Down With Diet and Exercise for Coronary Artery Disease Treatment. JACC: Cardiovascular Imaging, 2021, 14, 1203-1205.	2.3	2
210	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. Catheterization and Cardiovascular Interventions, 2022, 99, 263-270.	0.7	2
211	Culprit Lesion Atherothrombectomy During Acute Myocardial Infarction. Circulation, 2005, 112, e267.	1.6	1
212	A new approach to reconstruction of central aortic blood pressure using â€œadaptiveâ€•transfer function. , 2008, 2008, 813-6.		1
213	Shining Light and Illuminating Murine Atherosclerosis via Optical Coherence Tomography. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1068-1069.	1.1	1
214	Câ€…Development of Whole Body and Intravascular Near-infrared Optical Molecular Imaging of Markers of Plaque Vulnerablity in Atherosclerosis. Heart, 2014, 100, A128.1-A128.	1.2	1
215	High-Risk Stents Harboring Neoatherosclerosis. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	1
216	EMPLOYING THE MULTIDISCIPLINARY HEART TEAM APPROACH FOR COMPLEX CORONARY ARTERY DISEASE: A SINGLE CENTER EXPERIENCE. Journal of the American College of Cardiology, 2017, 69, 2544.	1.2	1

#	Article	IF	Citations
217	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
218	Impact of adherence to the hybrid algorithm for initial crossing strategy selection in chronic total occlusion percutaneous coronary intervention. Revista Espanola De Cardiologia (English Ed), 2020, 74, 1023-1031.	0.4	1
219	Impacto de la adherencia a un algoritmo hÃbrido para la seleccIÃ³n de la estrategia inicial de cruce en la intervenciÃ³n coronaria percutÃ¡nea de oclusiones crÃ³nicas. Revista Espanola De Cardiologia, 2021, 74, 1024-1024.	0.6	1
220	Molecular Imaging of Cancer Using Fluorescent Probe Technology. , 2003, , 247-267.		1
221	Combined Image Deconvolution and Attenuation Correction for Intravascular Near Infrared Fluorescence Imaging. , 2012, , .		1
222	Molecular Imaging of Coronary Atherosclerosis. Contemporary Cardiology, 2014, , 187-202.	0.0	1
223	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
224	Intravital Microscopy in Research. Methods in Molecular Biology, 2022, 2419, 645-658.	0.4	1
225	CYP2C19 Genotyping in Anticoagulated Patients After Percutaneous Coronary Intervention: Should It Be Routine?. Circulation, 2022, 145, 721-723.	1.6	1
226	Synergizing Light and Machine Learning to Comprehensively Reveal Coronary Plaque Composition. JACC Basic To Translational Science, 2021, 6, 961-963.	1.9	1
227	The year in cardiovascular medicine 2021: interventional cardiology. Cardiologia Croatica, 2022, 17, 59-72.	0.0	1
228	The ATHEROMA Study: Rapid Anti-inflammatory Effects of High-Dose Statin Pharmacotherapy Illuminated by Molecular MRI. Current Cardiovascular Imaging Reports, 2010, 3, 1-3.	0.4	0
229	High resolution single-mode-fiber-based sensor for intravascular detection of fluorescent molecular probes. , 2010, , .		0
230	Double-cladding-fiber-based detection system for intravascular mapping of fluorescent molecular probes. , 2011, , .		0
231	Response to Letter Regarding Article, â€œ ¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Enables the Detection of Recurrent Same-Site Deep Vein Thrombosis by Illuminating Recently Formed, Neutrophil-Rich Thrombusâ€• Circulation, 2015, 131, e531-2.	1.6	0
232	TCT-392 Application and Outcomes of a Hybrid Approach to Chronic Total Occlusion Percutaneous Coronary Intervention in a Contemporary Multicenter US Registry. Journal of the American College of Cardiology, 2015, 66, B158.	1.2	0
233	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. Journal of the American College of Cardiology, 2015, 66, B58-B59.	1.2	0
234	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

#	Article	IF	Citations
235	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
236	THE IMPACT OF EPICARDIAL COLLATERAL USE ON THE OUTCOMES OF CHRONIC TOTAL OCCLUSION PERCUTANEOUS CORONARY INTERVENTION: INSIGHTS FROM A CONTEMPORARY MULTICENTER REGISTRY. Journal of the American College of Cardiology, 2017, 69, 1319.	1.2	0
237	Intravascular optoacoustic catheter with extended sensitivity field. , 2017, , .		0
238	Quantitative Intravascular Fluorescence-Ultrasound Imaging In Vivo. , 2017, , .		0
239	Sequential Acute Coronary Syndrome 4 Days Apart: A Missed Opportunity?. Circulation Journal, 2017, 81, 1231-1233.	0.7	0
240	TCT-139 Use of Atherectomy in Chronic Total Occlusion Intervention: Insights From the PROGRESS-CTO Registry. Journal of the American College of Cardiology, 2018, 72, B60.	1.2	0
241	TCT-138 Comparison Between Traditional and Guide Catheter Extension Reverse CART: Insights From the PROGRESS-CTO Registry. Journal of the American College of Cardiology, 2018, 72, B59-B60.	1.2	0
242	TCT-78 Impact of Collateral Channel Type on the Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention. Journal of the American College of Cardiology, 2018, 72, B34-B35.	1.2	0
243	Ruptures and Thickening. JACC: Cardiovascular Imaging, 2018, 11, 933-934.	2.3	0
244	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
245	Noninvasive Imaging of High-Risk Plaque. , 2019, , 388-404.		0
246	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
247	TCT-229 Outcomes of â€œInvestment Proceduresâ€• in Chronic Total Occlusion Interventions. Journal of the American College of Cardiology, 2019, 74, B228.	1.2	0
248	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
249	CONTEMPORARY OUTCOMES OF CHRONIC TOTAL OCCLUSION PERCUTANEOUS CORONARY INTERVENTIONS: UPDATE FROM THE PROGRESS CTO (PROSPECTIVE GLOBAL REGISTRY FOR THE STUDY OF CHRONIC TOTAL) Tj ET Q q 1 1 0.784314 rg BT	2.4	0
250	A New Decade of Old Questions. JACC: Cardiovascular Imaging, 2019, 12, 1326-1329.	2.3	0
251	PET/MR Illumination of AtherosclerosisÂPathobiology. JACC: Cardiovascular Imaging, 2019, 12, 2027-2028.	2.3	0
252	Clinical OCT-Based Polarization Assessment of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2020, 13, 802-803.	2.3	0

#	Article	IF	Citations
253	The Ongoing Quest toÂBetter Detect High-Risk Coronary Plaques. JACC: Cardiovascular Imaging, 2020, 13, 1103-1105.	2.3	0
254	Molecular Imaging of Atherosclerosis. , 2021, , 1193-1223.		0
255	Abstract 28: Serial in Vivo Imaging of Thrombus Inflammation Predicts Venous Thrombus Resolution. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, .	1.1	0
256	Abstract 52: Statin Therapy Accelerates Venous Thrombus Resolution: Assessment In Stasis And Chemical Injury Induced Thrombosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	1.1	0
257	Intravascular Molecular Imaging of Proteolytic Activity. , 2015, , 79-106.		0
258	Abstract 049: Novel Tirofiban Conjugate for the in vivo Detection of Activated Platelets. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	1.1	0
259	Abstract 354: Early Intentional Restoration of Blood Flow Reduces Thrombus Burden and Vein Wall Scarring Following Dvt: Implications for Preventing the Post-thrombotic Syndrome. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	1.1	0
260	Abstract 051: A New Model of Murine Stasis Pulmonary Thromboembolism in vivo With Assessment by Noninvasive Multimodal Molecular-Structural Imaging. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	1.1	0
261	Abstract P379: Atherosclerotic Abdominal Aortic Plaque and All-Cause Mortality: The Framingham Heart Study. Circulation, 2019, 139, .	1.6	0
262	Protective Effects of Kininogen-1 Gene Deficiency in Mouse Models of Venous Thrombosis. Blood, 2021, 138, 289-289.	0.6	0
263	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	1.6	0
264	Side-Branch Occlusions in Coronary CTO-PCI: Avoid or Forget?. Journal of Invasive Cardiology, 2016, 28, 174-5.	0.4	0
265	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 ETQq1 1 0.784314 rgBT /Overlock	1.6	0
266	Abstract 11451: Use of Mechanical Circulatory Support in Chronic Total Occlusion Percutaneous Coronary Intervention: Insights from the PROGRESS-CTO Registry. Circulation, 2021, 144, .	1.6	0
267	Abstract 354: Improved Collagen Imaging in Large Pulsatile Vessels Using High-Resolution Second Harmonic Generation Microscopy and Retrospective Electrocardiogram Gating. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, .	1.1	0
268	Abstract 501: Noninvasive Photodynamic Therapy of Murine Atherosclerosis Using Macrophage-Targeted Nanoparticles. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	1.1	0
269	Lighting Up Adherent LDL in Plaques via Near-Infrared Fluorescence Molecular Imaging. JACC: Cardiovascular Imaging, 2022, , .	2.3	0
270	Circumflex Rescue After Left Main Covered Stenting Using a Stiff Wire, Angled Microcatheter, and Stent Target. , 2022, , 100407.		0