

Ik-Kyung Jang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

146
papers

11,927
citations

41
h-index

109
g-index

165
ext. papers

13,867
ext. citations

6
avg, IF

5.77
L-index

#	Paper	IF	Citations
146	Optical coherence tomography in coronary atherosclerosis assessment and intervention.. <i>Nature Reviews Cardiology</i> , 2022 ,	14.8	8
145	Layered Plaque Characteristics and Layer Burden in Acute Coronary Syndromes. <i>American Journal of Cardiology</i> , 2021 ,	3	1
144	High spatial endothelial shear stress gradient independently predicts site of acute coronary plaque rupture and erosion. <i>Cardiovascular Research</i> , 2021 , 117, 1974-1985	9.9	13
143	New Insights Into Plaque Erosion as a Mechanism of Acute Coronary Syndromes. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 1043-1044	27.4	10
142	Plaque erosion and acute coronary syndromes: phenotype, molecular characteristics and future directions. <i>Nature Reviews Cardiology</i> , 2021 , 18, 724-734	14.8	24
141	Comparison of post-stent optical coherence tomography findings: Layered versus non-layered culprit lesions. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, 1320-1328	2.7	3
140	Comparison of post-stent optical coherence tomography findings among three subtypes of calcified culprit plaques in patients with acute coronary syndrome. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, 634-645	2.7	4
139	Characteristics of non-culprit plaques in acute coronary syndrome patients with calcified plaque at the culprit lesion. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E298-E305	2.7	0
138	Degree of luminal narrowing and composition of thrombus in plaque erosion. <i>Journal of Thrombosis and Thrombolysis</i> , 2021 , 51, 143-150	5.1	5
137	Circadian variations in pathogenesis of ST-segment elevation myocardial infarction: an optical coherence tomography study. <i>Journal of Thrombosis and Thrombolysis</i> , 2021 , 51, 379-387	5.1	7
136	New prediction tools and treatment for ACS patients with plaque erosion. <i>Atherosclerosis</i> , 2021 , 318, 45-51	3.1	6
135	Optical Coherence Tomography Predictors for a Favorable Vascular Response to Statin Therapy. <i>Journal of the American Heart Association</i> , 2021 , 10, e018205	6	1
134	Determinants of ST-segment elevation myocardial infarction as clinical presentation of acute coronary syndrome. <i>Journal of Thrombosis and Thrombolysis</i> , 2021 , 51, 1026-1035	5.1	2
133	Residual thrombus following plaque disruption contributes to rapid plaque progression: in-vivo serial optical coherence tomography imaging. <i>Coronary Artery Disease</i> , 2021 , 32, 668-670	1.4	
132	Predictors for Rapid Progression of Coronary Calcification: An Optical Coherence Tomography Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e019235	6	4
131	Potent platelet inhibition with peri-procedural tirofiban may attenuate progression of atherosclerosis in patients with acute coronary syndromes. <i>Journal of Thrombosis and Thrombolysis</i> , 2021 , 1	5.1	
130	Predictors of Rapid Plaque Progression: An Optical Coherence Tomography Study. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1628-1638	8.4	15

129	Optical Coherence Tomography of Plaque Erosion: JACC Focus Seminar Part 2/3. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 1266-1274	15.1	4
128	Coronary plaque and clinical characteristics of South Asian (Indian) patients with acute coronary syndromes: An optical coherence tomography study. <i>International Journal of Cardiology</i> , 2021 , 343, 171-179	3.7	0
127	Optical Coherence Tomography of Coronary Plaque Progression and Destabilization: JACC Focus Seminar Part 3/3. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 1275-1287	15.1	1
126	Letter by Allard-Ratick et al Regarding Article, "Coronary Optical Coherence Tomography and Cardiac Magnetic Resonance Imaging to Determine Underlying Causes of Myocardial Infarction With Nonobstructive Coronary Arteries in Women". <i>Circulation</i> , 2021 , 144, e206	16.7	
125	Optical Coherence Tomography of Plaque Vulnerability and Rupture: JACC Focus Seminar Part 1/3. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 1257-1265	15.1	2
124	Age and Phenotype of Patients With Plaque Erosion. <i>Journal of the American Heart Association</i> , 2021 , 10, e020691	6	2
123	The evolving role of cardiac imaging in patients with myocardial infarction and non-obstructive coronary arteries. <i>Progress in Cardiovascular Diseases</i> , 2021 , 68, 78-87	8.5	3
122	Healed Plaques in Patients With Stable Angina Pectoris. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 1587-1597	9.4	14
121	Clinical significance of healed plaque detected by optical coherence tomography: a 2-year follow-up study. <i>Journal of Thrombosis and Thrombolysis</i> , 2020 , 50, 895-902	5.1	5
120	Spatial Distribution of Vulnerable Plaques: Comprehensive In Vivo Coronary Plaque Mapping. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1989-1999	8.4	10
119	Seasonal Variations in the Pathogenesis of Acute Coronary Syndromes. <i>Journal of the American Heart Association</i> , 2020 , 9, e015579	6	7
118	Ethnic Differences in the Pathobiology of Acute Coronary Syndromes Between Asians and Whites. <i>American Journal of Cardiology</i> , 2020 , 125, 1757-1764	3	4
117	Prognostic Value of Coronary CT Angiography for Predicting Poor Cardiac Outcome in Stroke Patients without Known Cardiac Disease or Chest Pain: The Assessment of Coronary Artery Disease in Stroke Patients Study. <i>Korean Journal of Radiology</i> , 2020 , 21, 1055-1064	6.9	4
116	Plaque Erosion 2020 , 79-89		
115	Detection of Vulnerable Plaque 2020 , 149-161		
114	Characteristics of non-culprit plaques in acute coronary syndrome patients with layered culprit plaque. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 1421-1430	4.1	15
113	Early versus delayed treatment with ticagrelor on residual thrombus after percutaneous coronary intervention in patients presenting with non-ST-elevation acute coronary syndrome: an optical coherence tomography study. <i>Coronary Artery Disease</i> , 2020 , 31, 195-197	1.4	
112	Management of non-culprit coronary plaques in patients with acute coronary syndrome. <i>European Heart Journal</i> , 2020 , 41, 3579-3586	9.5	10

111	Relation of Low-Density Lipoprotein Cholesterol Level to Plaque Rupture. <i>American Journal of Cardiology</i> , 2020 , 134, 48-54	3	3
110	Response by Russo et al Regarding Article, "Healed Plaques in Patients With Stable Angina Pectoris". <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, e258-e259	9.4	
109	Relative risk of plaque erosion among different age and sex groups in patients with acute coronary syndrome. <i>Journal of Thrombosis and Thrombolysis</i> , 2020 , 49, 352-359	5.1	9
108	Predictors for layered coronary plaques: an optical coherence tomography study. <i>Journal of Thrombosis and Thrombolysis</i> , 2020 , 50, 886-894	5.1	6
107	Healed Culprit Plaques in Patients With Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2253-2263	15.1	58
106	Three-Dimensional Fibrous Cap Structure of Coronary Lipid Plaque - ST-Elevation Myocardial Infarction vs. Stable Angina. <i>Circulation Journal</i> , 2019 , 83, 1214-1219	2.9	1
105	Calcified Plaques in Patients With Acute Coronary Syndromes. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 531-540	5	42
104	Angiographic features of patients with coronary plaque erosion. <i>International Journal of Cardiology</i> , 2019 , 288, 12-16	3.2	14
103	Comparison of Vascular Response to Statin Therapy in Patients With Versus Without Diabetes Mellitus. <i>American Journal of Cardiology</i> , 2019 , 123, 1559-1564	3	7
102	Coronary Atherosclerotic Phenotype and Plaque Healing in Patients With Recurrent Acute Coronary Syndromes Compared With Patients With Long-term Clinical Stability: An In Vivo Optical Coherence Tomography Study. <i>JAMA Cardiology</i> , 2019 , 4, 321-329	16.2	55
101	Comparison of Rosuvastatin Versus Atorvastatin for Coronary Plaque Stabilization. <i>American Journal of Cardiology</i> , 2019 , 123, 1565-1571	3	12
100	Clinical and Laboratory Predictors for Plaque Erosion in Patients With Acute Coronary Syndromes. <i>Journal of the American Heart Association</i> , 2019 , 8, e012322	6	37
99	Endothelial Shear Stress and Plaque Erosion: A Computational Fluid Dynamics and Optical Coherence Tomography Study. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 374-375	8.4	38
98	Reassessing the Mechanisms of Acute Coronary Syndromes. <i>Circulation Research</i> , 2019 , 124, 150-160	15.7	156
97	Thrombus resolution with tirofiban in the conservative management of patients presenting with plaque erosion. <i>Coronary Artery Disease</i> , 2018 , 29, 301-308	1.4	10
96	Nonculprit Plaque Characteristics in Patients With Acute Coronary Syndrome Caused by Plaque Erosion vs Plaque Rupture: A 3-Vessel Optical Coherence Tomography Study. <i>JAMA Cardiology</i> , 2018 , 3, 207-214	16.2	41
95	Plaque erosion: a new in vivo diagnosis and a potential major shift in the management of patients with acute coronary syndromes. <i>European Heart Journal</i> , 2018 , 39, 2070-2076	9.5	95
94	Coronary Plaque Characteristics in Patients With Diabetes Mellitus Who Presented With Acute Coronary Syndromes. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	26

93	Intracoronary Imaging for Assessing the Risk of Coronary Microvascular Obstruction 2018 , 167-186		
92	Advances in Intravascular Imaging: New Insights into the Vulnerable Plaque from Imaging Studies. <i>Korean Circulation Journal</i> , 2018 , 48, 1-15	2.2	13
91	Differences in coronary plaque morphology between East Asian and Western White patients: an optical coherence tomography study. <i>Coronary Artery Disease</i> , 2018 , 29, 597-602	1.4	2
90	A combined fractional flow reserve and optical coherence tomography approach to guide coronary artery bypass grafting: A pilot study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 997-1000	1.5	0
89	Morphological predictors for no reflow phenomenon after primary percutaneous coronary intervention in patients with ST-segment elevation myocardial infarction caused by plaque rupture. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 103-110	4.1	31
88	Management and Outcome of Patients With Acute Coronary Syndrome Caused by Plaque Rupture Versus Plaque Erosion: An Intravascular Optical Coherence Tomography Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	33
87	Clinical Significance of Lipid-Rich Plaque Detected by Optical Coherence Tomography: A 4-Year Follow-Up Study. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2502-2513	15.1	82
86	Plaque erosion delays vascular healing after drug eluting stent implantation in patients with acute coronary syndrome: An In Vivo Optical Coherence Tomography Study. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 89, 592-600	2.7	20
85	Lipid-lowering therapy stabilizes the complexity of non-culprit plaques in human coronary artery: a quantitative assessment using OCT bright spot algorithm. <i>International Journal of Cardiovascular Imaging</i> , 2017 , 33, 453-461	2.5	4
84	Effective anti-thrombotic therapy without stenting: intravascular optical coherence tomography-based management in plaque erosion (the EROSION study). <i>European Heart Journal</i> , 2017 , 38, 792-800	9.5	158
83	Biomechanical stress in coronary atherosclerosis: emerging insights from computational modelling. <i>European Heart Journal</i> , 2017 , 38, 81-92	9.5	64
82	Dynamic neointimal pattern after drug-eluting stent implantation defined by optical coherence tomography. <i>Coronary Artery Disease</i> , 2017 , 28, 557-563	1.4	1
81	Low Endothelial Shear Stress Predicts Evolution to High-Risk Coronary Plaque Phenotype in the Future: A Serial Optical Coherence Tomography and Computational Fluid Dynamics Study. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	24
80	Clinical Predictors for Lack of Favorable Vascular Response to Statin Therapy in Patients With Coronary Artery Disease: A Serial Optical Coherence Tomography Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	12
79	SYNTAX Score and Pre- and Poststent Optical Coherence Tomography Findings in the Left Anterior Descending Coronary Artery in Patients With Stable Angina Pectoris. <i>American Journal of Cardiology</i> , 2017 , 120, 898-903	3	6
78	EROSION Study (Effective Anti-Thrombotic Therapy Without Stenting: Intravascular Optical Coherence Tomography-Based Management in Plaque Erosion): A 1-Year Follow-Up Report. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	68
77	Optical Coherence Tomography for Study of In Vivo Pathobiology and for Optimization of Percutaneous Coronary Intervention 2017 , 3, 48-55		1
76	Clinical, angiographic, IVUS, and OCT predictors for irregular protrusion after coronary stenting. <i>EuroIntervention</i> , 2017 , 12, e2204-e2211	3.1	17

75	Diagnosis of Thin-Capped Fibroatheromas in Intravascular Optical Coherence Tomography Images: Effects of Light Scattering. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9,	6	28
74	Prevalence and Predictors of Multiple Coronary Plaque Ruptures: In Vivo 3-Vessel Optical Coherence Tomography Imaging Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 2229-2238	9.4	35
73	Coronary Plaque Characteristics Associated With Reduced TIMI (Thrombolysis in Myocardial Infarction) Flow Grade in Patients With ST-Segment-Elevation Myocardial Infarction: A Combined Optical Coherence Tomography and Intravascular Ultrasound Study. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9,	6	10
72	Patterns of coronary plaque progression: phasic versus gradual. A combined optical coherence tomography and intravascular ultrasound study. <i>Coronary Artery Disease</i> , 2016 , 27, 658-666	1.4	13
71	Coronary Calcification and Plaque Vulnerability: An Optical Coherence Tomographic Study. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	33
70	Comparison of Intensive Versus Moderate Lipid-Lowering Therapy on Fibrous Cap and Atheroma Volume of Coronary Lipid-Rich Plaque Using Serial Optical Coherence Tomography and Intravascular Ultrasound Imaging. <i>American Journal of Cardiology</i> , 2016 , 117, 800-6	3	56
69	Prevalence and predictors of culprit plaque rupture at OCT in patients with coronary artery disease: a meta-analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 1128-37	4.1	93
68	Recurrent myocardial infarctions and premature coronary atherosclerosis in a 23-year-old man with antiphospholipid syndrome. <i>Thrombosis and Haemostasis</i> , 2016 , 115, 237-9	7	12
67	Changes in coronary plaque morphology in patients with acute coronary syndrome versus stable angina pectoris after initiation of statin therapy. <i>Coronary Artery Disease</i> , 2016 , 27, 629-635	1.4	6
66	Serial Optical Coherence Tomography and Intravascular Ultrasound Analysis of Gender Difference in Changes of Plaque Phenotype in Response to Lipid-Lowering Therapy. <i>American Journal of Cardiology</i> , 2016 , 117, 1890-5	3	4
65	Three-dimensional morphological response of lipid-rich coronary plaques to statin therapy: a serial optical coherence tomography study. <i>Coronary Artery Disease</i> , 2016 , 27, 350-6	1.4	8
64	Does Residual Thrombus After Aspiration Thrombectomy Affect the Outcome of Primary PCI in Patients With ST-Segment Elevation Myocardial Infarction?: An Optical Coherence Tomography Study. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 2002-2011	5	33
63	Incidence and Morphological Predictors of Intrastent Coronary Thrombus After Drug-Eluting Stent Implantation (from a Multicenter Registry). <i>American Journal of Cardiology</i> , 2016 , 117, 369-75	3	6
62	Incidence and Clinical Significance of Poststent Optical Coherence Tomography Findings: One-Year Follow-Up Study From a Multicenter Registry. <i>Circulation</i> , 2015 , 132, 1020-9	16.7	154
61	A Combined Optical Coherence Tomography and Intravascular Ultrasound Study on Plaque Rupture, Plaque Erosion, and Calcified Nodule in Patients With ST-Segment Elevation Myocardial Infarction: Incidence, Morphologic Characteristics, and Outcomes After Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1166-1176	5	150
60	Comparison of Neoatherosclerosis and Neovascularization Between Patients With and Without Diabetes: An Optical Coherence Tomography Study. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1044-1052	5.2	12
59	Optical coherence tomographic evaluation of the effect of cigarette smoking on vascular healing after sirolimus-eluting stent implantation. <i>American Journal of Cardiology</i> , 2015 , 115, 751-7	3	3
58	Causes, assessment, and treatment of stent thrombosis--intravascular imaging insights. <i>Nature Reviews Cardiology</i> , 2015 , 12, 325-36	14.8	31

57	Insights into the spatial distribution of lipid-rich plaques in relation to coronary artery bifurcations: an in-vivo optical coherence tomography study. <i>Coronary Artery Disease</i> , 2015 , 26, 133-41	1.4	11
56	Clinical utility of quantitative bright spots analysis in patients with acute coronary syndrome: an optical coherence tomography study. <i>International Journal of Cardiovascular Imaging</i> , 2015 , 31, 1479-87	2.5	4
55	Identification of Intrastent Pathology Associated With Late Stent Thrombosis Using Optical Coherence Tomography. <i>Journal of Interventional Cardiology</i> , 2015 , 28, 439-48	1.8	5
54	Bivalirudin versus unfractionated heparin for residual thrombus burden: a frequency-domain optical coherence tomography study. <i>Catheterization and Cardiovascular Interventions</i> , 2015 , 85, 575-82	2.7	4
53	Fundamentals of Optical Coherence Tomography: Image Acquisition and Interpretation. <i>Interventional Cardiology Clinics</i> , 2015 , 4, 225-237	1.4	3
52	Impacts of lesion angle on incidence and distribution of acute vessel wall injuries and strut malapposition after drug-eluting stent implantation assessed by optical coherence tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 1390-8	4.1	4
51	Pancoronary plaque vulnerability in patients with acute coronary syndrome and ruptured culprit plaque: a 3-vessel optical coherence tomography study. <i>American Heart Journal</i> , 2014 , 167, 59-67	4.9	57
50	Distinct morphological features of ruptured culprit plaque for acute coronary events compared to those with silent rupture and thin-cap fibroatheroma: a combined optical coherence tomography and intravascular ultrasound study. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2209-16	15.1	143
49	Comparison of near-infrared spectroscopy and optical coherence tomography for detection of lipid. <i>Catheterization and Cardiovascular Interventions</i> , 2014 , 84, 710-7	2.7	24
48	Plaque erosion: in vivo diagnosis and treatment guided by optical coherence tomography. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, e63-4	5	5
47	Comparison by optical coherence tomography of the frequency of lipid coronary plaques in current smokers, former smokers, and nonsmokers. <i>American Journal of Cardiology</i> , 2014 , 114, 674-80	3	22
46	Prevalence and characteristics of TCFA and degree of coronary artery stenosis: an OCT, IVUS, and angiographic study. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 672-80	15.1	96
45	Imaging plaques to predict and better manage patients with acute coronary events. <i>Circulation Research</i> , 2014 , 114, 1904-17	15.7	40
44	Morphologic characteristics of eroded coronary plaques: a combined angiographic, optical coherence tomography, and intravascular ultrasound study. <i>International Journal of Cardiology</i> , 2014 , 176, e137-9	3.2	7
43	Spatial heterogeneity of neoatherosclerosis and its relationship with neovascularization and adjacent plaque characteristics: optical coherence tomography study. <i>American Heart Journal</i> , 2014 , 167, 884-92.e2	4.9	18
42	Interpretation of optical coherence tomography images. <i>Lancet, The</i> , 2014 , 383, 1887	4.0	
41	Endothelial shear stress and coronary plaque characteristics in humans: combined frequency-domain optical coherence tomography and computational fluid dynamics study. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 905-11	3.9	74
40	Computer-aided image analysis algorithm to enhance in vivo diagnosis of plaque erosion by intravascular optical coherence tomography. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 805-10	3.9	10

39	Comprehensive overview of definitions for optical coherence tomography-based plaque and stent analyses. <i>Coronary Artery Disease</i> , 2014 , 25, 172-85	1.4	93
38	Residual thrombus pattern in patients with ST-segment elevation myocardial infarction caused by plaque erosion versus plaque rupture after successful fibrinolysis: an optical coherence tomography study. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1336-1338	15.1	37
37	In vivo diagnosis of plaque erosion and calcified nodule in patients with acute coronary syndrome by intravascular optical coherence tomography. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1748-58	15.1	481
36	Ticagrelor immediately prior to stenting is associated with smaller residual thrombus in patients with acute coronary syndrome. <i>International Journal of Cardiology</i> , 2013 , 168, 3099-101	3.2	9
35	Nonculprit coronary plaque characteristics of chronic kidney disease. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 448-56	3.9	61
34	Optical Coherence Tomography and Coronary Plaque Characterization. <i>Journal of the Japanese Coronary Association</i> , 2013 , 19, 307-314		2
33	Expert review document part 2: methodology, terminology and clinical applications of optical coherence tomography for the assessment of interventional procedures. <i>European Heart Journal</i> , 2012 , 33, 2513-20	9.5	286
32	Does neovascularization predict response to statin therapy? Optical coherence tomography study. <i>International Journal of Cardiology</i> , 2012 , 158, 469-70	3.2	12
31	Acute stent thrombosis: technical complication or inadequate antithrombotic therapy? An optical coherence tomography study. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, e3-4	5	6
30	Comparison of nonculprit coronary plaque characteristics between patients with and without diabetes: a 3-vessel optical coherence tomography study. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 1150-8	5	87
29	Predictors for neoatherosclerosis: a retrospective observational study from the optical coherence tomography registry. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 660-6	3.9	109
28	Nonculprit plaques in patients with acute coronary syndromes have more vulnerable features compared with those with non-acute coronary syndromes: a 3-vessel optical coherence tomography study. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 433-40	3.9	150
27	Significance of intraplaque neovascularisation for vulnerability: optical coherence tomography study. <i>Heart</i> , 2012 , 98, 1504-9	5.1	55
26	Current Imaging Approaches and Further Imaging Needs in Clinical Medicine: A Clinician's Perspective 2011 , 47-83		
25	High-Resolution Optical Imaging in Interventional Cardiology 2011 , 233-254		
24	Expert review document on methodology, terminology, and clinical applications of optical coherence tomography: physical principles, methodology of image acquisition, and clinical application for assessment of coronary arteries and atherosclerosis. <i>European Heart Journal</i> , 2010 , 31, 401-15	9.5	642
23	Spontaneous recanalization of a coronary artery after thrombotic occlusion: in vivo demonstration with optical coherence tomography. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1274	15.1	24
22	In vivo comparison of optical coherence tomography and angioscopy for the evaluation of coronary plaque characteristics. <i>American Journal of Cardiology</i> , 2008 , 101, 471-6	3	312

21	In vivo association between positive coronary artery remodelling and coronary plaque characteristics assessed by intravascular optical coherence tomography. <i>European Heart Journal</i> , 2008 , 29, 1721-8	9.5	94
20	Dosing Patterns and Outcomes in African American, Asian, and Hispanic Patients with Heparin-Induced Thrombocytopenia Treated with Argatroban.. <i>Blood</i> , 2008 , 112, 3403-3403	2.2	
19	Argatroban therapy in women with heparin-induced thrombocytopenia. <i>Journal of Women's Health</i> , 2007 , 16, 895-901	3	11
18	Evaluation by optical coherence tomography of neointimal coverage of sirolimus-eluting stent three months after implantation. <i>American Journal of Cardiology</i> , 2007 , 99, 1033-8	3	169
17	Relationship between a systemic inflammatory marker, plaque inflammation, and plaque characteristics determined by intravascular optical coherence tomography. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1820-7	9.4	92
16	Optical coherence tomography for imaging the vulnerable plaque. <i>Journal of Biomedical Optics</i> , 2006 , 11, 021002	3.5	126
15	Diagnostic accuracy of optical coherence tomography and integrated backscatter intravascular ultrasound images for tissue characterization of human coronary plaques. <i>Journal of the American College of Cardiology</i> , 2006 , 48, 81-8	15.1	192
14	In vivo characterization of coronary atherosclerotic plaque by use of optical coherence tomography. <i>Circulation</i> , 2005 , 111, 1551-5	16.7	721
13	Focal and multi-focal plaque macrophage distributions in patients with acute and stable presentations of coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2004 , 44, 972-9	15.1	225
12	Quantification of macrophage content in atherosclerotic plaques by optical coherence tomography. <i>Circulation</i> , 2003 , 107, 113-9	16.7	558
11	From vulnerable plaque to vulnerable patient: a call for new definitions and risk assessment strategies: Part I. <i>Circulation</i> , 2003 , 108, 1664-72	16.7	1985
10	From vulnerable plaque to vulnerable patient: a call for new definitions and risk assessment strategies: Part II. <i>Circulation</i> , 2003 , 108, 1772-8	16.7	886
9	Characterization of human atherosclerosis by optical coherence tomography. <i>Circulation</i> , 2002 , 106, 1640-5	16.7	948
8	Visualization of coronary atherosclerotic plaques in patients using optical coherence tomography: comparison with intravascular ultrasound. <i>Journal of the American College of Cardiology</i> , 2002 , 39, 604-9	15.1	775
7	Elevation in serum troponin I predicts the benefit of tirofiban. <i>Journal of Thrombosis and Thrombolysis</i> , 2001 , 11, 211-5	5.1	19
6	Visualization of tissue prolapse between coronary stent struts by optical coherence tomography: comparison with intravascular ultrasound. <i>Circulation</i> , 2001 , 104, 2754	16.7	97
5	Balloon deflection technique: A method to facilitate entry of a balloon catheter into a deployed stent. <i>Catheterization and Cardiovascular Interventions</i> , 2000 , 51, 312-3	2.7	8
4	Porcine coronary imaging in vivo by optical coherence tomography. <i>Acta Cardiologica</i> , 2000 , 55, 233-7	0.9	56

3	Heparin induced thrombocytopenia: diagnosis and contemporary antithrombin management. <i>Journal of Thrombosis and Thrombolysis</i> , 1999 , 7, 259-64	5.1	16
2	A Randomized, Blinded Study of Two Doses of Novastan(R) (Brand of Argatroban) Versus Heparin as Adjunctive Therapy to Recombinant Tissue Plasminogen Activator (Accelerated Administration) in Acute Myocardial Infarction: Rationale and Design of the Myocardial Infarction using Novastan(R) and T-PA (MINI) Study. <i>Journal of Thrombosis and Thrombolysis</i> , 1998 , 5, 49-52	5.1	6
1	Alpha 2-antiplasmin causes thrombi to resist fibrinolysis induced by tissue plasminogen activator in experimental pulmonary embolism. <i>Circulation</i> , 1997 , 95, 1886-91	16.7	20