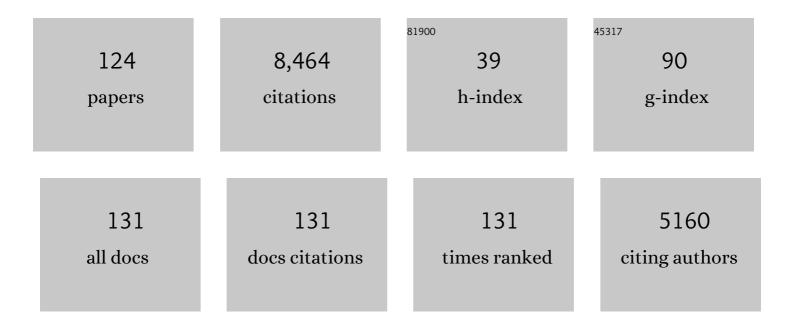
Francesco Prati

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Consensus Standards for Acquisition, Measurement, and Reporting of Intravascular Optical Coherence Tomography Studies. Journal of the American College of Cardiology, 2012, 59, 1058-1072.	2.8	1,530
2	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. European Heart Journal, 2010, 31, 401-415.	2.2	758
3	Clinical use of intracoronary imaging. Part 1: guidance and optimization of coronary interventions. An expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. European Heart Journal, 2018, 39, 3281-3300.	2.2	431
4	Expert review document part 2: methodology, terminology and clinical applications of optical coherence tomography for the assessment of interventional procedures. European Heart Journal, 2012, 33, 2513-2520.	2.2	349
5	Safety and performance of the drug-eluting absorbable metal scaffold (DREAMS) in patients with de-novo coronary lesions: 12 month results of the prospective, multicentre, first-in-man BIOSOLVE-I trial. Lancet, The, 2013, 381, 836-844.	13.7	343
6	Angiography alone versus angiography plus optical coherence tomography to guide decision-making during percutaneous coronary intervention: the Centro per la Lotta contro l'Infarto-Optimisation of Percutaneous Coronary Intervention (CLI-OPCI) study. EuroIntervention, 2012, 8, 823-829.	3.2	325
7	Identification of patients and plaques vulnerable to future coronary events with near-infrared spectroscopy intravascular ultrasound imaging: a prospective, cohort study. Lancet, The, 2019, 394, 1629-1637.	13.7	263
8	Clinical Impact of OCT Findings During PCI. JACC: Cardiovascular Imaging, 2015, 8, 1297-1305.	5.3	255
9	Relationship between <i>c</i> oronary p <i>l</i> aque morphology of the left anter <i>i</i> or descending artery and 12 <i>m</i> onths clinic <i>a</i> l outcome: the CLIMA study. European Heart Journal, 2020, 41, 383-391.	2.2	250
10	Plaque rupture and intact fibrous cap assessed by optical coherence tomography portend different outcomes in patients with acute coronary syndrome. European Heart Journal, 2015, 36, 1377-1384.	2.2	226
11	High Levels of Systemic Myeloperoxidase Are Associated With Coronary Plaque Erosion in Patients With Acute Coronary Syndromes. Circulation, 2010, 122, 2505-2513.	1.6	205
12	Clinical classification of plaque morphology in coronary disease. Nature Reviews Cardiology, 2014, 11, 379-389.	13.7	205
13	Clinical use of intracoronary imaging. Part 2: acute coronary syndromes, ambiguous coronary angiography findings, and guiding interventional decision-making: an expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. European Heart Journal, 2019. 40. 2566-2584.	2.2	189
14	The fate of incomplete stent apposition with drug-eluting stents: an optical coherence tomography-based natural history study. European Heart Journal, 2010, 31, 1470-1476.	2.2	174
15	In-Stent Neointimal Proliferation Correlates With the Amount of Residual Plaque Burden Outside the Stent. Circulation, 1999, 99, 1011-1014.	1.6	143
16	Safety and feasibility of frequency domain optical coherence tomography to guide decision making in percutaneous coronary intervention. EuroIntervention, 2010, 6, 575-581.	3.2	137
17	Effect of Evolocumab on Coronary Plaque Phenotype and Burden in Statin-Treated Patients Following Myocardial Infarction. JACC: Cardiovascular Imaging, 2022, 15, 1308-1321.	5.3	137
18	Safety and feasibility of a new non-occlusive technique for facilitated intracoronary optical coherence tomography (OCT) acquisition in various clinical and anatomical scenarios. EuroIntervention, 2007, 3, 365-370.	3.2	125

#	Article	IF	CITATIONS
19	From Bench to Bedside A Novel Technique of Acquiring OCT Images. Circulation Journal, 2008, 72, 839-843.	1.6	114
20	Optical coherence tomography in coronary atherosclerosis assessment and intervention. Nature Reviews Cardiology, 2022, 19, 684-703.	13.7	106
21	Comprehensive overview of definitions for optical coherence tomography-based plaque and stent analyses. Coronary Artery Disease, 2014, 25, 172-185.	0.7	103
22	Severity of coronary atherosclerosis in patients with a first acute coronary event: a diabetes paradox. European Heart Journal, 2013, 34, 729-741.	2.2	100
23	Stenting of Culprit Lesions in Unstable Angina Leads to a Marked Reduction in Plaque Burden: A Major Role of Plaque Embolization?. Circulation, 2003, 107, 2320-2325.	1.6	95
24	Coronary Atherosclerotic Phenotype and Plaque Healing in Patients With Recurrent Acute Coronary Syndromes Compared With Patients With Long-term Clinical Stability. JAMA Cardiology, 2019, 4, 321.	6.1	92
25	Clinical use of intracoronary imaging. Part 1: guidance and optimization of coronary interventions. An expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. EuroIntervention, 2018, 14, 656-677.	3.2	92
26	Methodology for fully automated segmentation and plaque characterization in intracoronary optical coherence tomography images. Journal of Biomedical Optics, 2014, 19, 026009.	2.6	87
27	Suboptimal stent deployment is associated with subacute stent thrombosis: Optical coherence tomography insights from a multicenter matched study. From the CLI Foundation investigators: the CLI-THRO study. American Heart Journal, 2015, 169, 249-256.	2.7	86
28	A multicentre evaluation of the safety of intracoronary optical coherence tomography. EuroIntervention, 2009, 5, 90-95.	3.2	77
29	Local Delivery Versus Intracoronary Infusion of Abciximab in Patients With Acute Coronary Syndromes. JACC: Cardiovascular Interventions, 2010, 3, 928-934.	2.9	73
30	Optical coherence tomography-guided coronary stent implantation compared to angiography: a multicentre randomised trial in PCI – design and rationale of ILUMIEN IV: OPTIMAL PCI. EuroIntervention, 2021, 16, 1092-1099.	3.2	73
31	Identification and quantification of macrophage presence in coronary atherosclerotic plaques by optical coherence tomography. European Heart Journal Cardiovascular Imaging, 2015, 16, 807-813.	1.2	69
32	Clinical Impact of Suboptimal Stenting and Residual Intrastent Plaque/Thrombus Protrusion in Patients With Acute Coronary Syndrome. Circulation: Cardiovascular Interventions, 2016, 9, .	3.9	55
33	Comparison of optical coherence tomography and intravascular ultrasound for the assessment of in-stent tissue coverage after stent implantation. EuroIntervention, 2009, 5, 538-543.	3.2	54
34	Stent-related defects in patients presenting with stent thrombosis: differences at optical coherence tomography between subacute and late/very late thrombosis in the Mechanism Of Stent Thrombosis (MOST) study. EuroIntervention, 2013, 9, 936-944.	3.2	53
35	Intravascular Ultrasound Versus Optical Coherence Tomography Guidance. Journal of the American College of Cardiology, 2013, 62, S32-S40.	2.8	52
36	Comparative analysis method of permanent metallic stents (XIENCE) and bioresorbable poly-L-lactic (PLLA) scaffolds (Absorb) on optical coherence tomography at baseline and follow-up. EuroIntervention, 2016, 12, 1498-1509.	3.2	51

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37	Myocardial infarction with non-obstructive coronary artery disease. EuroIntervention, 2021, 17, e875-e887.	3.2	47
38	Angiographic evaluation of the effect of intracoronary abciximab administration in patients undergoing urgent PCI. International Journal of Cardiology, 2005, 105, 250-255.	1.7	44
39	Role of residual acute stent malapposition in percutaneous coronary interventions. Catheterization and Cardiovascular Interventions, 2017, 90, 566-575.	1.7	42
40	Reproducibility of Coronary Optical Coherence Tomography for Lumen and Length Measurements in Humans (The CLI-VAR [Centro per la Lotta contro l'Infarto-VARiability] Study). American Journal of Cardiology, 2012, 110, 1106-1112.	1.6	38
41	Optical coherence tomography criteria for defining functional severity of intermediate lesions: a comparative study with FFR. International Journal of Cardiovascular Imaging, 2013, 29, 1685-1691.	1.5	38
42	Optical coherence tomography accurately identifies intermediate atherosclerotic lesions—An in vivo evaluation in the rabbit carotid artery. Atherosclerosis, 2007, 193, 94-101.	0.8	37
43	Invasive management without stents in selected acute coronary syndrome patients with a large thrombus burden: a prospective study of optical coherence tomography guided treatment decisions. EuroIntervention, 2015, 11, 895-904.	3.2	35
44	Clinical use of intracoronary imaging. Part†2: acute coronary syndromes, ambiguous coronary angiography findings, and guiding interventional decision-making: an expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. EuroIntervention, 2019, 15, 434-451.	3.2	35
45	Association Between Proximal Stent Edge Positioning on Atherosclerotic Plaques Containing Lipid Pools and Postprocedural Myocardial Infarction (from the CLI-POOL Study). American Journal of Cardiology, 2013, 111, 526-531.	1.6	32
46	Long-term consequences of optical coherence tomography findings during percutaneous coronary intervention: the Centro Per La Lotta Contro L'infarto – Optimization Of Percutaneous Coronary Intervention (CLI-OPCI) LATE study. EuroIntervention, 2018, 14, e443-e451.	3.2	32
47	Randomized comparison between 3-month Cre8 DES vs. 1-month Vision/Multilink8 BMS neointimal coverage assessed by OCT evaluation: The DEMONSTRATE study. International Journal of Cardiology, 2014, 176, 904-909.	1.7	31
48	First-in-Man 1-Year Clinical Outcomes of the Catania Coronary Stent System With Nanothin Polyzene-F in De Novo Native Coronary Artery Lesions. JACC: Cardiovascular Interventions, 2009, 2, 197-204.	2.9	30
49	Evaluation of Infarct-Related Coronary Artery Patency and Microcirculatory Function After Facilitated Percutaneous Primary Coronary Angioplasty. JACC: Cardiovascular Interventions, 2010, 3, 1284-1291.	2.9	29
50	Randomized evaluation of intralesion versus intracoronary abciximab and aspiration thrombectomy in patients with ST-elevation myocardial infarction: The COCTAIL II trial. American Heart Journal, 2015, 170, 1116-1123.	2.7	27
51	Subclinical atherosclerosis: how and when to treat it?. European Heart Journal Supplements, 2020, 22, E87-E90.	0.1	27
52	Detection of very early stent healing after primary angioplasty: an optical coherence tomographic observational study of chromium cobaltum and first-generation drug-eluting stents. The DETECTIVE Study. Heart, 2011, 97, 1841-1846.	2.9	25
53	Optical coherence tomography for characterization of cardiac allograft vasculopathy in late survivors of pediatric heart transplantation. Journal of Heart and Lung Transplantation, 2016, 35, 74-79.	0.6	23
54	Serial optical coherence tomography imaging of ACS-causing culprit plaques. EuroIntervention, 2015, 11, 319-324.	3.2	21

#	Article	IF	CITATIONS
55	Optical Coherence Tomographic Results at Six-Month Follow-Up Evaluation of the CATANIA Coronary Stent System With NanoThin Polyzene-F Surface Modification (from the Assessment of The LAtest) Tj ETQq1 1551-1555.	1 0.784314 1.6	rgBT /Overloc
56	Optical coherence tomography, intravascular ultrasound or angiography guidance for distal left main coronary stenting. The <scp>ROCK</scp> cohort <scp>II</scp> study. Catheterization and Cardiovascular Interventions, 2022, 99, 664-673.	1.7	20
57	Optical coherence tomography guided in-stent thrombus removal in patients with acute coronary syndromes. International Journal of Cardiovascular Imaging, 2013, 29, 989-996.	1.5	19
58	Role of optical coherence tomography for distal left main stem angioplasty. Catheterization and Cardiovascular Interventions, 2020, 96, 755-761.	1.7	19
59	Transcatheter renal sympathetic ablation for resistant hypertension: in vivo insights in humans from optical coherence tomography. International Journal of Cardiology, 2013, 165, e35-e37.	1.7	16
60	Optical coherence tomography assessment and quantification of intracoronary thrombus: Status and perspectives. Cardiovascular Revascularization Medicine, 2015, 16, 172-178.	0.8	16
61	In vivo vulnerability grading system of plaques causing acute coronary syndromes: An intravascular imaging study. International Journal of Cardiology, 2018, 269, 350-355.	1.7	16
62	Optical coherence tomography features of angiographic complex and smooth lesions in acute coronary syndromes. International Journal of Cardiovascular Imaging, 2015, 31, 927-934.	1.5	14
63	Coronary inflammation: why searching, how to identify and treat it. European Heart Journal Supplements, 2020, 22, E121-E124.	0.1	14
64	A "Stable―Coronary Plaque RuptureÂDocumented by RepeatedÂOCT Studies. JACC: Cardiovascular Imaging, 2013, 6, 835-836.	5.3	13
65	Randomized trial of standard versus ClearWay-infused abciximab and thrombectomy in myocardial infarction. Journal of Cardiovascular Medicine, 2013, 14, 364-371.	1.5	12
66	ClearWayRX System to reduce intracoronary thrombus in patients with acute coronary syndromes according to Optical Coherence Tomography after Abciximab Intracoronary Local infusion trial (COCTAIL): study rationale and design. Journal of Cardiovascular Medicine, 2010, 11, 130-136.	1.5	11
67	Fully automated calcium detection using optical coherence tomography. , 2013, 2013, 1430-3.		11
68	Relationship betweeen the amount and location of macrophages and clinical outcome: subanalysis of the CLIMA-study. International Journal of Cardiology, 2022, 346, 8-12.	1.7	11
69	Head-to-head comparison of early vessel healing by optical coherence tomography after implantation of different stents in the same patient. Journal of Cardiovascular Medicine, 2011, 12, 328-333.	1.5	10
70	Relation between thoracic aortic inflammation and features of plaque vulnerability in the coronary tree in patients with non-ST-segment elevation acute coronary syndrome undergoing percutaneous coronary intervention. An FDG-positron emission tomography and optical coherence tomography study. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1878-1887.	6.4	9
71	Innovative invasive management without stent implantation guided by optical coherence tomography in acute coronary syndrome. Archives of Cardiovascular Diseases, 2018, 111, 666-677.	1.6	9
72	Effects of stent postdilatation during primary PCI for STEMI: Insights from coronary physiology and optical coherence tomography. Catheterization and Cardiovascular Interventions, 2021, 97, 1309-1317.	1.7	9

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73	Comparative Effectiveness and Safety of Polymer-Free Biolimus-Eluting Stent and Durable Polymer Everolimus-Eluting Stent in All-Comer Patients Who Underwent Percutaneous Coronary Interventions. American Journal of Cardiology, 2019, 124, 195-204.	1.6	8
74	Ongoing Methodological Approaches toÂlmprove the InÂVivo Assessment of LocalÂCoronary Blood Flow and Endothelial Shear Stress. Journal of the American College of Cardiology, 2015, 66, 136-138.	2.8	7
75	Optical coherence tomography or intravascular ultrasound to optimize coronary stent implantation. European Heart Journal, 2017, 38, 3148-3151.	2.2	7
76	The CLIMA study: assessing the risk of myocardial infarction with a new anatomical score. European Heart Journal Supplements, 2019, 21, B80-B83.	0.1	7
77	Clinical outcomes of suboptimal stent deployment as assessed by optical coherence tomography: long-term results of the CLI-OPCI registry. EuroIntervention, 2022, 18, e150-e157.	3.2	7
78	Optical coherence tomography-derived lipid core burden index and clinical outcomes: results from the CLIMA registry. European Heart Journal Cardiovascular Imaging, 0, , .	1.2	7
79	Quantification of manual thrombus removal in patients with acute coronary syndromes. Journal of Cardiovascular Medicine, 2015, 16, 204-212.	1.5	6
80	Comparison of Strut Coverage at 6 Months by Optical Coherence Tomography With Everolimus-Eluting Stenting of Bare-Metal Stent Restenosis Versus Stenosis of Nonstented Atherosclerotic Narrowing (from the DESERT Study). American Journal of Cardiology, 2015, 115, 1351-1356.	1.6	6
81	Reproducibility of serial optical coherence tomography measurements for lumen area and plaque components in humans (The CLI-VAR [Centro per la Lotta Contro l'Infarto-variability] Il study). International Journal of Cardiovascular Imaging, 2016, 32, 381-387.	1.5	6
82	Rapid Evaluation of Vessel HEaling After AngiopLasty (REVEAL) trial: rationale, objectives and design. Journal of Cardiovascular Medicine, 2010, 11, 53-58.	1.5	5
83	Recurrent acute coronary syndrome and mechanisms of plaque instability. International Journal of Cardiology, 2017, 243, 98-102.	1.7	5
84	Imaging of intraplaque haemorrhage. Journal of Cardiovascular Medicine, 2012, Publish Ahead of Print, 640-4.	1.5	4
85	Early vessel healing of the Avantgarde cobalt-chromium coronary stent. Journal of Cardiovascular Medicine, 2013, 14, 276-280.	1.5	4
86	Reproducibility of the Carpet View system: a novel technical solution for display and off line analysis of OCT images. International Journal of Cardiovascular Imaging, 2014, 30, 1225-1233.	1.5	4
87	Impact of oral P2Y12 inhibitors on residual thrombus burden and reperfusion indexes in patients with ST-segment elevation myocardial infarction. Journal of Cardiovascular Medicine, 2016, 17, 701-706.	1.5	4
88	Role of optical coherence tomography in identifying sub-optimal stent positioning and predicting major adverse cardiac events in a comparative study with angiography. Coronary Artery Disease, 2018, 29, 384-388.	0.7	4
89	Assessment of Mechanisms of Acute Coronary Syndromes and Composition of Culprit Plaques in Patients With and Without Diabetes. JACC: Cardiovascular Imaging, 2019, 12, 1111-1112.	5.3	4
90	Vulnerable struts with CRE8, Biomatrix and Xience stents assessed with OCT and their correlation with clinical variables at 6-month follow-up: the CREBX-OCT study. International Journal of Cardiovascular Imaging, 2020, 36, 217-230.	1.5	4

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91	Optical coherence tomography assessment of macrophages accumulation in non-ST-segment elevation acute coronary syndromes. Journal of Cardiovascular Medicine, 2020, 21, 860-865.	1.5	4
92	Prevalence and quantitative assessment of macrophages in coronary plaques. International Journal of Cardiovascular Imaging, 2021, 37, 37-45.	1.5	4
93	The value of imaging in subclinical coronary artery disease. Vascular Pharmacology, 2016, 82, 20-29.	2.1	3
94	Atherosclerosis to predict cardiac events. Journal of Cardiovascular Medicine, 2017, 18, e154-e156.	1.5	3
95	Adoption of a new automated optical coherence tomography software to obtain a lipid plaque spread-out plot. International Journal of Cardiovascular Imaging, 2021, 37, 3129-3135.	1.5	3
96	The Role of the Association Between Serum C-Reactive Protein Levels and Coronary Plaque Macrophage Accumulation in Predicting Clinical Events — Results from the CLIMA Registry. Journal of Cardiovascular Translational Research, 2022, 15, 1377-1384.	2.4	3
97	Comparison between intermediate and severe coronary stenoses and clinical outcomes of an OCT-guided PCI strategy. Journal of Cardiovascular Medicine, 2016, 17, 361-367.	1.5	2
98	The role of residual intrastent thrombus during primary angioplasty. Journal of Cardiovascular Medicine, 2017, 18, 348-353.	1.5	2
99	A comparison of intracoronary treatment strategies for thrombus burden removal during primary percutaneous coronary intervention. Coronary Artery Disease, 2018, 29, 186-193.	0.7	2
100	The artery under the lens. EuroIntervention, 2010, 6, 15-17.	3.2	2
101	Present and future of coronary risk assessment. European Heart Journal Supplements, 2021, 23, E123-E127.	0.1	2
102	Comprehensive clinical assessment of coronary plaque phenotype. Coronary Artery Disease, 2021, Publish Ahead of Print, .	0.7	2
103	Searching Between the Plaques Layers to Understand the Past and Predict the Futureâ [^] —. Journal of the American College of Cardiology, 2014, 63, 2217-2219.	2.8	1
104	Correlating Pathology to Imaging. JACC: Cardiovascular Imaging, 2019, 12, 1514-1517.	5.3	1
105	The mystery of coronary calcium and clinical events. Atherosclerosis, 2021, 339, 46-47.	0.8	1
106	The double injection technique to improve visualization of severe coronary lesions with optical coherence tomography. Catheterization and Cardiovascular Interventions, 2022, , .	1.7	1
107	Focus on the COCTAIL study. Interventional Cardiology, 2011, 3, 275-281.	0.0	0
108	OCT Guidance to Improve Clinical Outcome of Coronary Interventions: What Have We Learnt?. Current Cardiovascular Imaging Reports, 2013, 6, 421-425.	0.6	0

#	Article	IF	CITATIONS
109	The Authors Reply:. JACC: Cardiovascular Imaging, 2016, 9, 903-904.	5.3	о
110	Exploring the Coronary Artery Wall From the Luminal Side. Journal of the American College of Cardiology, 2017, 69, 658-660.	2.8	0
111	Optical Coherence Tomography in theÂCatheterization Laboratory. , 2018, , 365-374.		О
112	Multi-Imaging Investigation to Evaluate the Relationship between Serum Cystatin C and Features of Atherosclerosis in Non-ST-Segment Elevation Acute Coronary Syndrome. Applied Sciences (Switzerland), 2019, 9, 657.	2.5	0
113	OCT/atherectomy/pathology studies open new perspectives for in vivo characterization of plaque composition. International Journal of Cardiology, 2019, 284, 14-15.	1.7	0
114	Don't Give Up if You Are a Believer. Cardiovascular Revascularization Medicine, 2020, 21, 1251-1252.	0.8	0
115	Adenosine and fractional flow reserve: no reason to be afraid anymore!. Minerva Cardiology and Angiology, 2021, 69, 446-448.	0.7	0
116	The DyeVert System Choice in OCT Guidance of PCI: Is the Game Worth the Candle?. Cardiovascular Revascularization Medicine, 2021, 30, 47-49.	0.8	0
117	Invasive Imaging of Coronary Atherosclerotic Plaques. , 2012, , 363-369.		0
118	Plaque imaging with optical coherence tomography: Current status and potential clinical implications. , 2012, , 175-185.		0
119	Plaque imaging with optical coherence tomography. , 2012, , 175-185.		0
120	Optical Coherence Tomography in the Catheterization Laboratory. , 2013, , 1-14.		0
121	Optical Coherence Tomography for the Assessment of Coronary Artery Disease. , 2015, , 1419-1430.		Ο
122	Personalised risk stratification of acute coronary syndromes calls for a less broad grouping of MACE. EuroIntervention, 2019, 14, 1631-1634.	3.2	0
123	OCT in the Clinical Practice and Data from Clinical Studies. Advances in Bioinformatics and Biomedical Engineering Book Series, 0, , 209-219.	0.4	0
124	Scenarios of precision medicine: The use of intravascular optical coherence tomography. Cardiovascular Revascularization Medicine, 2022, , .	0.8	0