

Rocco Vergallo

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.

100
papers

2,644
citations

26
h-index

50
g-index

137
ext. papers

3,359
ext. citations

5.3
avg, IF

4.98
L-index

#	Paper	IF	Citations
100	Long-term clinical impact of permanent pacemaker implantation in patients undergoing transcatheter aortic valve implantation: a systematic review and meta-analysis.. <i>Europace</i> , 2022 ,	3.9	2
99	Optical coherence tomography in coronary atherosclerosis assessment and intervention.. <i>Nature Reviews Cardiology</i> , 2022 ,	14.8	8
98	Monocyte-Platelet Aggregates Triggered by CD31 Molecule in Non-ST Elevation Myocardial Infarction: Clinical Implications in Plaque Rupture.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 741221	5.4	
97	ORal anticoagulants In fraGile patients with percutAneous endoscopic gastrostoMy and atrlal fibrillation: the (ORIGAMI) study. <i>Journal of Cardiovascular Medicine</i> , 2021 , 22, 175-179	1.9	1
96	takotsubo. <i>European Heart Journal - Case Reports</i> , 2021 , 5, ytaa477	0.9	4
95	Colchicine in ischemic heart disease: the good, the bad and the ugly. <i>Clinical Research in Cardiology</i> , 2021 , 110, 1531-1542	6.1	4
94	Identification of the haemodynamic environment permissive for plaque erosion. <i>Scientific Reports</i> , 2021 , 11, 7253	4.9	7
93	New prediction tools and treatment for ACS patients with plaque erosion. <i>Atherosclerosis</i> , 2021 , 318, 45-51	3.1	6
92	Duration of dual antiplatelet therapy and subsequent monotherapy type in patients undergoing drug eluting stent implantation: a network Meta-analysis. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020 ,	6.4	8
91	Healed Plaques in Patients With Stable Angina Pectoris. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 1587-1597	9.4	14
90	Randomised trials and meta-analyses of double vs triple antithrombotic therapy for atrial fibrillation-ACS/PCI: A critical appraisal. <i>IJC Heart and Vasculature</i> , 2020 , 28, 100524	2.4	6
89	Reply: Value of Optical Coherence Tomography in Angiographically Intermediate Coronary Lesions. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 269-270	5	
88	Ticagrelor versus clopidogrel in patients undergoing implantation of paclitaxel-eluting stent in the femoropopliteal district: A randomized pilot study using frequency-domain optical coherence tomography. <i>International Journal of Cardiology</i> , 2020 , 304, 192-197	3.2	3
87	Relationship between coronary plaque morphology of the left anterior descending artery and 12 months clinical outcome: the CLIMA study. <i>European Heart Journal</i> , 2020 , 41, 383-391	9.5	105
86	Detection of Vulnerable Plaque 2020 , 149-161		
85	Fractional Flow Reserve or Optical Coherence Tomography to Guide Management of Angiographically Intermediate Coronary Stenosis: A Single-Center Trial. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 49-58	5	29
84	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

83	Atherosclerotic Plaque Disruption and Healing. <i>European Heart Journal</i> , 2020 , 41, 4079-4080	9.5	2
82	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	
81	Atherosclerotic Plaque Healing. <i>New England Journal of Medicine</i> , 2020 , 383, 846-857	59.2	84
80	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
79	Clinical, angiographic and echocardiographic correlates of epicardial and microvascular spasm in patients with myocardial ischaemia and non-obstructive coronary arteries. <i>Clinical Research in Cardiology</i> , 2020 , 109, 435-443	6.1	11
78	Dual therapy with direct oral anticoagulants significantly increases the risk of stent thrombosis compared to triple therapy. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020 , 6, 128-129	6.4	13
77	Antithrombotic therapy in the early phase of non-ST-elevation acute coronary syndromes: a systematic review and meta-analysis. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020 , 6, 43-56	6.4	16
76	Are Atherogenic Lipoprotein Phenotype and Inflammation Indicative of Plaque Phenotype and Clinical Stability in Coronary Artery Disease?-Reply. <i>JAMA Cardiology</i> , 2019 , 4, 951-952	16.2	4
75	Optical coherence tomography and C-reactive protein in risk stratification of acute coronary syndromes. <i>International Journal of Cardiology</i> , 2019 , 286, 7-12	3.2	10
74	Sustained safe and effective anticoagulation using Edoxaban via percutaneous endoscopic gastrostomy. <i>ESC Heart Failure</i> , 2019 , 6, 884-888	3.7	3
73	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
72	Recurrent chest pain: What is essential is invisible to the eye? <i>European Heart Journal Supplements</i> , 2019 , 21, C11-C14	1.5	
71	Dual quantitative coronary angiography accurately quantifies intracoronary thrombotic burden in patients with acute coronary syndrome: Comparison with optical coherence tomography imaging. <i>International Journal of Cardiology</i> , 2019 , 292, 25-31	3.2	5
70	Coronary plaque erosion developing in an area of high endothelial shear stress: insights from serial optical coherence tomography imaging. <i>Coronary Artery Disease</i> , 2019 , 30, 74-75	1.4	10
69	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
68	Prospective Randomized Comparison of Fractional Flow Reserve Versus Optical Coherence Tomography to Guide Revascularization of Intermediate Coronary Stenoses: One-Month Results. <i>Journal of the American Heart Association</i> , 2019 , 8, e012772	6	5
67	Microvascular Dysfunction in Heart Failure With Preserved Ejection Fraction. <i>Frontiers in Physiology</i> , 2019 , 10, 1347	4.6	36
66	Electronic Cigarettes and Cardiovascular Risk: Caution Waiting for Evidence. <i>European Cardiology Review</i> , 2019 , 14, 151-158	3.9	11

65	A case of Resistant Thrombus: all you can hit in very late stent thrombosis. <i>Journal of Cardiovascular Medicine</i> , 2019 , 20, 397-399	1.9	1
64	Correlation between CD4CD28 T lymphocytes, regulatory T cells and plaque rupture: An Optical Coherence Tomography study in Acute Coronary Syndromes. <i>International Journal of Cardiology</i> , 2019 , 276, 289-292	3.2	14
63	Are we ready for a gender-specific approach in interventional cardiology?. <i>International Journal of Cardiology</i> , 2019 , 286, 226-233	3.2	16
62	Early anticoagulation in the current management of NSTEMI-ACS: Evidence, guidelines, practice and perspectives. <i>International Journal of Cardiology</i> , 2019 , 275, 39-45	3.2	6
61	Dropping aspirin in patients with atrial fibrillation undergoing percutaneous coronary intervention: a jump with a weak parachute?. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2019 , 5, 55-56	6.4	6
60	Neoatherosclerosis after drug-eluting stent implantation: a novel clinical and therapeutic challenge. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2019 , 5, 105-116	6.4	25
59	Perilipin 2 levels are increased in patients with in-stent neoatherosclerosis: A clue to mechanisms of accelerated plaque formation after drug-eluting stent implantation. <i>International Journal of Cardiology</i> , 2018 , 258, 55-58	3.2	6
58	Intracoronary Imaging for Assessing the Risk of Coronary Microvascular Obstruction 2018 , 167-186		
57	High-risk percutaneous coronary intervention: how to define it today?. <i>Minerva Cardioangiologica</i> , 2018 , 66, 576-593	1.1	6
56	How deep is your lesion? Extreme guidewire V3 intubation through RIMA graft to treat a distal left anterior descending artery stenosis. <i>Journal of Cardiovascular Medicine</i> , 2018 , 19, 606-608	1.9	0
55	Alterations of Hyaluronan Metabolism in Acute Coronary Syndrome: Implications for Plaque Erosion. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 1490-1503	15.1	33
54	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
53	Plaque erosion causing ST-segment elevation myocardial infarction: report of an optical coherence tomography-documented case and concise literature review. <i>Coronary Artery Disease</i> , 2017 , 28, 355-357	1.4	2
52	Exclusion of a coronary artery aneurysm using the STENTYS Xposition S balloon-delivery system with optical coherence tomography guidance: precise positioning without trouble. <i>Coronary Artery Disease</i> , 2017 , 28, 90-91	1.4	
51	Recurrent acute coronary syndrome and mechanisms of plaque instability. <i>International Journal of Cardiology</i> , 2017 , 243, 98-102	3.2	3
50	Not all plaque ruptures are born equal: an optical coherence tomography study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 1271-1277	4.1	31
49	Complex vein graft intervention after double-valve transcatheter aortic valve replacement. <i>Coronary Artery Disease</i> , 2017 , 28, 173-174	1.4	
48	Is age an important factor for vascular response to statin therapy? A serial optical coherence tomography and intravascular ultrasound study. <i>Coronary Artery Disease</i> , 2017 , 28, 209-217	1.4	2

47	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
46	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
45	Platelet microRNAs are not modulated by systemic heparin in acute coronary syndromes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, e3-5	5.9	
44	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
43	Quantitative analysis of the side-branch orifice after bifurcation stenting using en-face processing of OCT images: a comparison between Xience V and Resolute Integrity stents. <i>Coronary Artery Disease</i> , 2016 , 27, 19-28	1.4	
42	DESolve novolimus-eluting bioresorbable coronary scaffold failure assessed by frequency-domain optical coherence tomography imaging. <i>Coronary Artery Disease</i> , 2016 , 27, 334-6	1.4	
41	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
40	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
39	Associations between the Framingham Risk Score and coronary plaque characteristics as assessed by three-vessel optical coherence tomography. <i>Coronary Artery Disease</i> , 2016 , 27, 460-6	1.4	4
38	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
37	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
36	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 , 9, 1111-1121	5	150
35	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
34	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
33	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
32	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
31	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
30	Clinical Presentations and Coronary Plaque Characteristics 2015 , 81-97		

29	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
28	Anatomically correct three-dimensional coronary artery reconstruction using frequency domain optical coherence tomographic and angiographic data: head-to-head comparison with intravascular ultrasound for endothelial shear stress assessment in humans. <i>EuroIntervention</i> , 2015 , 11, 407-15	3.1	34
27	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
26	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
25	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
24	Optical frequency-domain imaging to guide implantation of a paclitaxel-eluting stent in the femoral artery. <i>Journal of Endovascular Therapy</i> , 2014 , 21, 456-9	2.5	1
23	Plaque erosion: in vivo diagnosis and treatment guided by optical coherence tomography. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, e63-4	5	5
22	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
21	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
20	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
19	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
18	Interpretation of optical coherence tomography images. <i>Lancet, The</i> , 2014 , 383, 1887	4.0	
17	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
16	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
15	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
14	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
13	Evaluation of culprit lesions by optical coherence tomography in patients with ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2013 , 168, 1592-3	3.2	5
12	TCT-652 Longitudinal Distribution of Endothelial Shear Stress Along Culprit Lesions and Association with Plaque Characteristics in Patients with Acute Coronary Syndromes: A Three-Dimensional Frequency-Domain Optical Coherence Tomography Study. <i>Journal of the American College of Cardiology</i> , 2013 , 62, B188	15.1	2

11	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
10	Correlation between degree of neointimal hyperplasia and incidence and characteristics of neoatherosclerosis as assessed by optical coherence tomography. <i>American Journal of Cardiology</i> , 2013 , 112, 1315-21	3	36
9	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
8	Nonculprit coronary plaque characteristics of chronic kidney disease. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 448-56	3.9	61
7	Features of coronary plaque in patients with metabolic syndrome and diabetes mellitus assessed by 3-vessel optical coherence tomography. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 665-73	3.9	31
6	Long-term morphofunctional remodeling of internal thoracic artery grafts: a frequency-domain optical coherence tomography study. <i>Circulation: Cardiovascular Interventions</i> , 2013 , 6, 269-76	6	11
5	Intracoronary microparticles and microvascular obstruction in patients with ST elevation myocardial infarction undergoing primary percutaneous intervention. <i>European Heart Journal</i> , 2012 , 33, 2928-38	9.5	78
4	Predictors of periprocedural (type IVa) myocardial infarction, as assessed by frequency-domain optical coherence tomography. <i>Circulation: Cardiovascular Interventions</i> , 2012 , 5, 89-96, S1-6	6	75
3	Drug-eluting balloon angioplasty for carotid in-stent restenosis. <i>Journal of Endovascular Therapy</i> , 2012 , 19, 729-33	2.5	22
2	Integrated Imaging 2012 , 125-137		
1	Quantitative Blush Evaluator accurately quantifies microvascular dysfunction in patients with ST-elevation myocardial infarction: comparison with cardiovascular magnetic resonance. <i>American Heart Journal</i> , 2011 , 162, 372-381.e2	4.9	16