Giampaolo Niccoli

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.

333 papers	7,858 citations	44 h-index	77 g-index
368 ext. papers	9,599 ext. citations	4.1 avg, IF	5.86 L-index

#	Paper	IF	Citations
333	Long-term outcomes of early-onset myocardial infarction with non-obstructive coronary artery disease (MINOCA).. *International Journal of Cardiology*, **2022**,	3.2	1
332	Optical coherence tomography in coronary atherosclerosis assessment and intervention.. *Nature Reviews Cardiology*, **2022**,	14.8	8
331	Bridging inflammation. *European Heart Journal*, **2021**, 42, 3384	9.5	
330	Sodium-Glucose Cotransporter Inhibitors Reduce Mortality and Morbidity in Patients With Heart Failure: Evidence From a Meta-Analysis of Randomized Trials.. *American Journal of Therapeutics*, **2021**, 29, e199-e204	1	1
329	Air Pollution and Coronary Plaque Vulnerability and Instability: An Optical Coherence Tomography Study. *JACC: Cardiovascular Imaging*, **2021**, 15, 325-325	8.4	2
328	Role of perilipin 2 in microvascular obstruction in patients with ST-elevation myocardial infarction. *European Heart Journal: Acute Cardiovascular Care*, **2021**, 10, 633-642	4.3	1
327	Identification of the haemodynamic environment permissive for plaque erosion. *Scientific Reports*, **2021**, 11, 7253	4.9	7
326	Recurrent asymptomatic Takotsubo syndrome after 20 years: are we looking at the tip of the iceberg only?. *Future Cardiology*, **2021**, 17, 309-314	1.3	
325	Prognostic impact of FFR/contrast FFR discordance. *International Journal of Cardiology*, **2021**, 327, 40-44	3.2	1
324	Interplay Between Myocardial Bridging and Coronary Spasm in Patients With Myocardial Ischemia and Non-Obstructive Coronary Arteries: Pathogenic and Prognostic Implications. *Journal of the American Heart Association*, **2021**, 10, e020535	6	8
323	Left ventricular end-diastolic pressure predicts in-hospital outcomes in takotsubo syndrome. *European Heart Journal: Acute Cardiovascular Care*, **2021**, 10, 661-667	4.3	1
322	Diagnostic work-up and therapeutic implications in MINOCA: need for a personalized approach. *Future Cardiology*, **2021**, 17, 149-154	1.3	9
321	Human monocyte-derived macrophages: Pathogenetic role in plaque rupture associated to systemic inflammation. *International Journal of Cardiology*, **2021**, 325, 1-8	3.2	1
320	Brain-derived neurotrophic factor in patients with acute coronary syndrome. *Translational Research* , **2021**, 231, 39-54	11	1
319	Coronary provocative tests in the catheterization laboratory: Pathophysiological bases, methodological considerations and clinical implications. *Atherosclerosis*, **2021**, 318, 14-21	3.1	8
318	Netrin-1 in Atherosclerosis: Relationship between Human Macrophage Intracellular Levels and In Vivo Plaque Morphology. *Biomedicines*, **2021**, 9,	4.8	2
317	Coronary Microvascular Dysfunction Across the Spectrum of Cardiovascular Diseases: JACC State-of-the-Art Review. *Journal of the American College of Cardiology*, **2021**, 78, 1352-1371	15.1	31

316	The evolving role of cardiac imaging in patients with myocardial infarction and non-obstructive coronary arteries. *Progress in Cardiovascular Diseases*, **2021**, 68, 78-87	8.5	3
315	Takotsubo Syndrome in Intensive Cardiac Care Unit: Challenges in Diagnosis and Management.. *Current Problems in Cardiology*, **2021**, 101084	17.1	1
314	Macrophage infiltrates in coronary plaque erosion and cardiovascular outcome in patients with acute coronary syndrome. *Atherosclerosis*, **2020**, 311, 158-166	3.1	9
313	Decreased myocardial infarction admissions during COVID times: what can we learn?. *Cardiovascular Research*, **2020**, 116, e126-e128	9.9	10
312	Myocardial infarction with non-obstructive coronary arteries: what is the prognosis?. *European Heart Journal Supplements*, **2020**, 22, E40-E45	1.5	16
311	Role of endothelial dysfunction in determining angina after percutaneous coronary intervention: Learning from pathophysiology to optimize treatment. *Progress in Cardiovascular Diseases*, **2020**, 63, 233-242	8.5	2
310	Coronary slow flow is associated with a worse clinical outcome in patients with Takotsubo syndrome. *Heart*, **2020**, 106, 923-930	5.1	21
309	Relationship between coronary plaque morphology of the left anterior descending artery and 12 months clinical outcome: the CLIMA study. *European Heart Journal*, **2020**, 41, 383-391	9.5	105
308	Myocardial and Microvascular Injury Due to Coronavirus Disease 2019. *European Cardiology Review*, **2020**, 15, e52	3.9	22
307	Coronary Plaque Types: Thin Cap Fibroatheroma, Healed Plaque, Calcified Plaque **2020**, 67-77		
306	Myocardial Infarction with Non-obstructive Coronary Artery Disease **2020**, 95-118		
305	Rationale, experimental data, and emerging clinical evidence on early and preventive use of levosimendan in patients with ventricular dysfunction. *European Heart Journal - Cardiovascular Pharmacotherapy*, **2020**, 6, 310-316	6.4	2
304	Characteristics of non-culprit plaques in acute coronary syndrome patients with layered culprit plaque. *European Heart Journal Cardiovascular Imaging*, **2020**, 21, 1421-1430	4.1	15
303	Special Article - Emotional versus physical Takotsubo syndrome: Two faces of the same medal or two different syndromes?. *Progress in Cardiovascular Diseases*, **2020**, 63, 699-701	8.5	9
302	Management of non-culprit coronary plaques in patients with acute coronary syndrome. *European Heart Journal*, **2020**, 41, 3579-3586	9.5	10
301	The management of non-culprit coronary lesions in patients with acute coronary syndrome. *European Heart Journal Supplements*, **2020**, 22, L170-L175	1.5	2
300	Predictors of Mortality in Myocardial Infarction and Nonobstructed Coronary Arteries: A Systematic Review and Meta-Regression. *American Journal of Medicine*, **2020**, 133, 73-83.e4	2.4	21
299	Relative risk of plaque erosion among different age and sex groups in patients with acute coronary syndrome. *Journal of Thrombosis and Thrombolysis*, **2020**, 49, 352-359	5.1	9

298	Clinical, angiographic and echocardiographic correlates of epicardial and microvascular spasm in patients with myocardial ischaemia and non-obstructive coronary arteries. *Clinical Research in Cardiology*, **2020**, 109, 435-443	6.1	11
297	Optical coherence tomography and C-reactive protein in risk stratification of acute coronary syndromes. *International Journal of Cardiology*, **2019**, 286, 7-12	3.2	10
296	Clinical Events After Deferral of LAD´Revascularization Following Physiological´Coronary´Assessment. *Journal of the American College of Cardiology*, **2019**, 73, 444-453	15.1	20
295	Developing LRP1 Agonists into a Therapeutic Strategy in Acute Myocardial Infarction. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	16
294	Biological profile of monocyte-derived macrophages in coronary heart disease patients: implications for plaque morphology. *Scientific Reports*, **2019**, 9, 8680	4.9	14
293	Long-Term Outcomes of Extent of Revascularization in Complex High Risk and Indicated Patients Undergoing Impella-Protected Percutaneous Coronary Intervention: Report from the Roma-Verona Registry. *Journal of Interventional Cardiology*, **2019**, 2019, 5243913	1.8	16
292	Activation of Nrf2/HO-1 Pathway and Human Atherosclerotic Plaque Vulnerability:an In Vitro and In Vivo Study. *Cells*, **2019**, 8,	7.9	13
291	Dual quantitative coronary angiography accurately quantifies intracoronary thrombotic burden in patients with acute coronary syndrome: Comparison with optical coherence tomography imaging. *International Journal of Cardiology*, **2019**, 292, 25-31	3.2	5
290	Takotsubo syndrome and left ventricular non-compaction cardiomyopathy: Casualty or causality?. *Autonomic Neuroscience: Basic and Clinical*, **2019**, 218, 64-67	2.4	2
289	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. *JAMA Cardiology*, **2019**, 4, 321-329	16.2	55
288	Coronary microvascular dysfunction in patients with acute coronary syndrome and no obstructive coronary artery disease. *Clinical Research in Cardiology*, **2019**, 108, 1364-1370	6.1	15
287	Hemodynamics and its predictors during Impella-protected PCI in high risk patients with reduced ejection fraction. *International Journal of Cardiology*, **2019**, 274, 221-225	3.2	10
286	Editor's Choice- Pathophysiology, diagnosis and management of MINOCA: an update. *European Heart Journal: Acute Cardiovascular Care*, **2019**, 8, 54-62	4.3	72
285	Fractional flow reserve in acute coronary syndromes and in stable ischemic heart disease: clinical implications. *International Journal of Cardiology*, **2019**, 277, 42-46	3.2	6
284	Comparison of Major Adverse Cardiac Events Between Instantaneous Wave-Free Ratio and Fractional Flow Reserve-Guided Strategy in Patients With or Without Type 2 Diabetes: A Secondary Analysis of a Randomized Clinical Trial. *JAMA Cardiology*, **2019**, 4, 857-864	16.2	11
283	Optimized Treatment of ST-Elevation Myocardial Infarction. *Circulation Research*, **2019**, 125, 245-258	15.7	62
282	Sex Differences in Instantaneous Wave-Free Ratio or Fractional Flow Reserve-Guided Revascularization Strategy. *JACC: Cardiovascular Interventions*, **2019**, 12, 2035-2046	5	13
281	Recurrence of angina after ST-segment elevation myocardial infarction: the role of coronary microvascular obstruction. *European Heart Journal: Acute Cardiovascular Care*, **2019**, 2048872619880661	4.3	

280	Clinical and Laboratory Predictors for Plaque Erosion in Patients With Acute Coronary Syndromes. *Journal of the American Heart Association*, **2019**, 8, e012322	6	37
279	Novel ultra-long (48 mm) everolimus-eluting stent for diffusely coronary vessels disease. *Minerva Cardioangiologica*, **2019**, 67, 87-93	1.1	3
278	Stent malapposition, strut coverage and atherothrombotic prolapse after percutaneous coronary interventions in ST-segment elevation myocardial infarction. *Journal of Cardiovascular Medicine*, **2019**, 20, 122-130	1.9	4
277	Correlation between CD4CD28 T lymphocytes, regulatory T cells and plaque rupture: An Optical Coherence Tomography study in Acute Coronary Syndromes. *International Journal of Cardiology*, **2019**, 276, 289-292	3.2	14
276	Intracoronary imaging to guide percutaneous coronary intervention: Clinical implications. *International Journal of Cardiology*, **2019**, 274, 394-401	3.2	2
275	Trends and outcomes of optical coherence tomography use: 877 patients single-center experience. *Cardiovascular Revascularization Medicine*, **2019**, 20, 303-310	1.6	1
274	Are we ready for a gender-specific approach in interventional cardiology?. *International Journal of Cardiology*, **2019**, 286, 226-233	3.2	16
273	Neoatherosclerosis after drug-eluting stent implantation: a novel clinical and therapeutic challenge. *European Heart Journal - Cardiovascular Pharmacotherapy*, **2019**, 5, 105-116	6.4	25
272	The 9p21 Rs 1333040 polymorphism is associated with coronary microvascular obstruction in ST-segment elevation myocardial infarction treated by primary angioplasty. *European Heart Journal: Acute Cardiovascular Care*, **2019**, 8, 703-707	4.3	1
271	Angiog□esis y obstrucci□ microvascular: ¿constituye ya una diana terap□tica?. *Revista Espanola De Cardiologia*, **2018**, 71, 420-422	1.5	0
270	Correlation between frequency-domain optical coherence tomography and fractional flow reserve in angiographically-intermediate coronary lesions. *International Journal of Cardiology*, **2018**, 253, 55-60	3.2	16
269	Perilipin 2 levels are increased in patients with in-stent neoatherosclerosis: A clue to mechanisms of accelerated plaque formation after drug-eluting stent implantation. *International Journal of Cardiology*, **2018**, 258, 55-58	3.2	6
268	Granulocyte colony-stimulating factor for the treatment of cardiovascular diseases: An update with a critical appraisal. *Pharmacological Research*, **2018**, 127, 67-76	10.2	9
267	Effects of statins on plaque rupture assessed by optical coherence tomography in patients presenting with acute coronary syndromes: insights from the optical coherence tomography (OCT)-FORMIDABLE registry. *European Heart Journal Cardiovascular Imaging*, **2018**, 19, 524-531	4.1	20
266	Culprit plaque characteristics in younger versus older patients with acute coronary syndromes: An optical coherence tomography study from the FORMIDABLE registry. *Catheterization and Cardiovascular Interventions*, **2018**, 92, E1-E8	2.7	8
265	Safety of the Deferral of Coronary Revascularization on the Basis of Instantaneous Wave-Free Ratio and Fractional Flow Reserve Measurements in Stable Coronary Artery Disease and Acute Coronary Syndromes. *JACC: Cardiovascular Interventions*, **2018**, 11, 1437-1449	5	56
264	Epidemiology of Coronary Microvascular Obstruction **2018**, 53-68		
263	Prevention of Coronary Microvascular Obstruction by Addressing the Individual Susceptibility **2018**, 209-236		

262	Prevention of Coronary Microvascular Obstruction by Addressing Ischemia Reperfusion Injury. Part A **2018**, 255-276		
261	A Multi Target and Multi Timing Strategy for the Management of Coronary Microvascular Obstruction **2018**, 309-324		
260	Clinical impact of optical coherence tomography findings on culprit plaque in acute coronary syndrome: The OCT-FORMIDABLE study registry. *Catheterization and Cardiovascular Interventions*, **2018**, 92, E486-E492	2.7	4
259	Patients with acute myocardial infarction and non-obstructive coronary arteries: safety and prognostic relevance of invasive coronary provocative tests. *European Heart Journal*, **2018**, 39, 91-98	9.5	116
258	Percutaneous coronary intervention in patients refused from surgery: a different entity?. *Minerva Cardioangiologica*, **2018**, 66, 562-568	1.1	2
257	Clinical impact of routine angiographic follow-up after percutaneous coronary interventions on unprotected left main. *Cardiology Journal*, **2018**, 25, 582-588	1.4	3
256	Effect of hemorheological parameters on myocardial injury after primary or elective percutaneous coronary intervention. *Coronary Artery Disease*, **2018**, 29, 638-646	1.4	2
255	Periprocedural Myocardial Injury Predicts Short- and Long-Term Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement. *Circulation: Cardiovascular Interventions*, **2018**, 11, e007106	6	9
254	Role of Allergic Inflammatory Cells in Coronary Artery Disease. *Circulation*, **2018**, 138, 1736-1748	16.7	30
253	Alterations of Hyaluronan Metabolism in Acute Coronary Syndrome: Implications for Plaque Erosion. *Journal of the American College of Cardiology*, **2018**, 72, 1490-1503	15.1	33
252	The coronary sinus Reducer device for refractory chronic angina: rationale, clinical evidence and future perspectives. *Expert Review of Medical Devices*, **2018**, 15, 611-613	3.5	
251	Reconsidering aetiologies of type 2 myocardial infarction: when a classification is a simplistic approach for a complex reality. *European Heart Journal*, **2018**, 39, 3826	9.5	1
250	Endothelial dysfunction as predictor of angina recurrence after successful percutaneous coronary intervention using second generation drug eluting stents. *European Journal of Preventive Cardiology*, **2018**, 25, 1360-1370	3.9	7
249	Personalized treatment of myocardial infarction and non-obstructive coronary arteries: an unmet need in a high-risk population. *European Heart Journal*, **2018**, 39, 3335	9.5	3
248	Cytotoxin-associated gene antigen-positive strains of Helicobacter pylori and recurring acute coronary syndromes. *European Heart Journal: Acute Cardiovascular Care*, **2017**, 6, 535-544	4.3	10
247	The combined use of Drug-eluting balloon and Excimer laser for coronary artery Restenosis In-Stent Treatment: The DERIST study. *Cardiovascular Revascularization Medicine*, **2017**, 18, 165-168	1.6	8
246	Ivabradine in acute coronary syndromes: Protection beyond heart rate lowering. *International Journal of Cardiology*, **2017**, 236, 107-112	3.2	6
245	Clinical outcome and correlates of coronary microvascular obstruction in latecomers after acute myocardial infarction. *International Journal of Cardiology*, **2017**, 236, 30-35	3.2	11

244	Optical coherence tomography compared with fractional flow reserve guided approach in acute coronary syndromes: A propensity matched analysis. *International Journal of Cardiology*, **2017**, 244, 54-58	3.2	8
243	Recurrent acute coronary syndrome and mechanisms of plaque instability. *International Journal of Cardiology*, **2017**, 243, 98-102	3.2	3
242	Temporal Trends in Adverse Events After Everolimus-Eluting Bioresorbable Vascular Scaffold Versus Everolimus-Eluting Metallic Stent Implantation: A Meta-Analysis of Randomized Controlled Trials. *Circulation*, **2017**, 135, 2145-2154	16.7	36
241	Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI. *New England Journal of Medicine*, **2017**, 376, 1824-1834	59.2	462
240	Not all plaque ruptures are born equal: an optical coherence tomography study. *European Heart Journal Cardiovascular Imaging*, **2017**, 18, 1271-1277	4.1	31
239	Impact of an optical coherence tomography guided approach in acute coronary syndromes: A propensity matched analysis from the international FORMIDABLE-CARDIOGROUP IV and USZ registry. *Catheterization and Cardiovascular Interventions*, **2017**, 90, E46-E52	2.7	19
238	Relationship between Serum Inflammatory Biomarkers and Thrombus Characteristics in Patients with ST Segment Elevation Myocardial Infarction. *Cardiology*, **2017**, 137, 27-35	1.6	4
237	Data on optical coherence tomography guidance for the management of angiographically intermediate left main bifurcation lesions. *Data in Brief*, **2017**, 14, 635-638	1.2	
236	Microvascular obstruction is an independent predictor of major adverse cardiovascular events in latecomers after ST-elevation myocardial infarction. *International Journal of Cardiology*, **2017**, 243, 109	3.2	1
235	Optical coherence tomography guidance for the management of angiographically intermediate left main bifurcation lesions: Early clinical experience. *International Journal of Cardiology*, **2017**, 248, 108-113	3.2	13
234	Frequency-domain optical coherence tomography plaque morphology in stable coronary artery disease: sex differences. *Coronary Artery Disease*, **2017**, 28, 472-477	1.4	3
233	Epicardial collaterals spasm as a cause of ST elevation myocardial infarction. *Journal of Cardiovascular Medicine*, **2017**, 18, 633-634	1.9	
232	Angina after percutaneous coronary intervention: The need for precision medicine. *International Journal of Cardiology*, **2017**, 248, 14-19	3.2	35
231	Evaluation of intermediate coronary stenoses in acute coronary syndromes using pressure guidewire. *Open Heart*, **2017**, 4, e000431	3	7
230	A current approach to heart failure in Duchenne muscular dystrophy. *Heart*, **2017**, 103, 1770-1779	5.1	47
229	Neoatherosclerosis and Late Thrombosis After Percutaneous Coronary Intervention: Translational Cardiology and Comparative Medicine from Bench to Bedside. *Yale Journal of Biology and Medicine*, **2017**, 90, 463-470	2.4	4
228	Understanding Fractional Flow Reserve **2017**, 195-208		
227	Feasibility and Safety of Right and Left Heart Catheterization Via an Antecubital Fossa Vein and the Radial Artery in Patients With Heart Failure. *Journal of Invasive Cardiology*, **2017**, 29, 301-308	0.7	2

226	Coronary microvascular obstruction in acute myocardial infarction. *European Heart Journal*, **2016**, 37, 1024-33	9.5	201
225	Impact of drug-eluting balloon (pre- or post-) dilation on neointima formation in de novo lesions treated by bare-metal stent: the IN-PACT CORO trial. *Heart and Vessels*, **2016**, 31, 677-86	2.1	11
224	Angiographically intermediate left main bifurcation disease assessment by frequency domain optical coherence tomography (FD-OCT). *International Journal of Cardiology*, **2016**, 220, 726-8	3.2	5
223	Prognostic role of multiple biomarkers in stable patients undergoing fractional flow reserve-guided coronary angioplasty. *Journal of Cardiovascular Medicine*, **2016**, 17, 687-93	1.9	0
222	Lipoprotein (a) is related to coronary atherosclerotic burden and a vulnerable plaque phenotype in angiographically obstructive coronary artery disease. *Atherosclerosis*, **2016**, 246, 214-20	3.1	17
221	NT-proANP and NT-proBNP circulating levels as predictors of cardiovascular outcome following coronary stent implantation. *Cardiovascular Revascularization Medicine*, **2016**, 17, 162-8	1.6	4
220	Prevalence and predictors of culprit plaque rupture at OCT in patients with coronary artery disease: a meta-analysis. *European Heart Journal Cardiovascular Imaging*, **2016**, 17, 1128-37	4.1	93
219	The Multi-center Evaluation of the Accuracy of the Contrast MEdium INduced Pd/Pa RaTiO in Predicting FFR (MEMENTO-FFR) Study. *EuroIntervention*, **2016**, 12, 708-15	3.1	33
218	Pathophysiological aspects and management workflow of coronary microvascular obstruction in ST-segment elevation myocardial infarction. *Italian Journal of Medicine*, **2016**, 10, 10	0.5	
217	Concordance of angiographic and electrocardiographic indexes of microvascular obstruction: myocardial haemorrhage role. *Journal of Cardiovascular Medicine*, **2016**, 17, 382-91	1.9	2
216	Impact of Culprit Plaque and Atherothrombotic Components on Incomplete Stent Apposition in Patients With ST-Elevation Myocardial Infarction Treated With Everolimus-Eluting Stents - An OCTAVIA Substudy. *Circulation Journal*, **2016**, 80, 895-905	2.9	4
215	Data on the lipoprotein (a), coronary atherosclerotic burden and vulnerable plaque phenotype in angiographic obstructive coronary artery disease. *Data in Brief*, **2016**, 7, 1409-12	1.2	5
214	Competitive Flow and Coronary Artery Bypass Grafts **2016**, 277-284		0
213	The Same Angiographic Factors Predict Venous and Arterial Graft Patency: A Retrospective Study. *Medicine (United States)*, **2016**, 95, e2068	1.8	1
212	Research update for articles published in EJCI in 2014. *European Journal of Clinical Investigation*, **2016**, 46, 880-94	4.6	
211	Dual role of circulating endothelial progenitor cells in stent struts endothelialisation and neointimal regrowth: a substudy of the IN-PACT CORO trial. *Cardiovascular Revascularization Medicine*, **2015**, 16, 20-6	1.6	8
210	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, 1377-84	9.5	161
209	Elevated homocysteine and the risk of contrast-induced nephropathy: a cohort study. *Angiology*, **2015**, 66, 333-8	2.1	11

208	Coronary in-stent restenosis in patients treated with thoracic external beam radiation for cancer. *JACC: Cardiovascular Interventions*, **2015**, 8, 641	5	
207	Optical coherence tomography features of angiographic complex and smooth lesions in acute coronary syndromes. *International Journal of Cardiovascular Imaging*, **2015**, 31, 927-34	2.5	11
206	A focus on the prognosis and management of ischemic heart disease in patients without evidence of obstructive coronary artery disease. *Expert Review of Cardiovascular Therapy*, **2015**, 13, 1031-44	2.5	2
205	Response to Letter Regarding Article, "Allergic Inflammation Is Associated With Coronary Instability and a Worse Clinical Outcome After Acute Myocardial Infarction". *Circulation: Cardiovascular Interventions*, **2015**, 8,	6	
204	Allergic Inflammation Is Associated With Coronary Instability and a Worse Clinical Outcome After Acute Myocardial Infarction. *Circulation: Cardiovascular Interventions*, **2015**, 8, e002554	6	19
203	Management strategies in patients affected by chronic total occlusions: results from the Italian Registry of Chronic Total Occlusions. *European Heart Journal*, **2015**, 36, 3189-98	9.5	120
202	Acute myocardial infarction with no obstructive coronary atherosclerosis: mechanisms and management. *European Heart Journal*, **2015**, 36, 475-81	9.5	194
201	Coronary functional tests in the catheterization laboratory - pathophysiological and clinical relevance. *Circulation Journal*, **2015**, 79, 676-84	2.9	6
200	Clinical and procedural impact of aortic arch anatomic variants in carotid stenting procedures. *Catheterization and Cardiovascular Interventions*, **2015**, 86, 480-9	2.7	27
199	Eroded Versus Ruptured Plaques at the Culprit Site of STEMI: In Vivo Pathophysiological Features and Response to Primary PCI. *JACC: Cardiovascular Imaging*, **2015**, 8, 566-575	8.4	71
198	Highly calcific in-stent restenosis as a substrate for sirolimus-eluting stent very late stent thrombosis. *Journal of Cardiovascular Medicine*, **2015**, 16 Suppl 1, S20-2	1.9	0
197	Hypotestosteronemia is frequent in ST-elevation myocardial infarction patients and is associated with coronary microvascular obstruction. *European Journal of Preventive Cardiology*, **2015**, 22, 855-63	3.9	4
196	Comparison of Right and Left Upper Limb Arterial Variants in Patients Undergoing Bilateral Transradial Procedures. *Circulation: Cardiovascular Interventions*, **2015**, 8, e002863	6	10
195	Frequency domain optical coherence tomography to assess non-ostial left main coronary artery. *EuroIntervention*, **2015**, 10, e1-8	3.1	34
194	Three-dimensional quantitative coronary angiography and quantification of jeopardised myocardium to predict functional significance of intermediate coronary artery stenosis. *EuroIntervention*, **2015**, 11, 308-18	3.1	1
193	Efficacy of contrast medium induced Pd/Pa ratio in predicting functional significance of intermediate coronary artery stenosis assessed by fractional flow reserve: insights from the RINASCI study. *EuroIntervention*, **2015**, 11, 421-7	3.1	46
192	The central role of conventional 12-lead ECG for the assessment of microvascular obstruction after percutaneous myocardial revascularization. *Journal of Electrocardiology*, **2014**, 47, 45-51	1.4	12
191	Evolving management of patients treated by drug-eluting stent: prevention of late events. *Cardiovascular Revascularization Medicine*, **2014**, 15, 100-8	1.6	1

190	Advances in mechanisms, imaging and management of the unstable plaque. *Atherosclerosis*, **2014**, 233, 467-477	3.1	34
189	Parvovirus B19 at the culprit coronary stenosis predicts outcome after stenting. *European Journal of Clinical Investigation*, **2014**, 44, 209-18	4.6	4
188	Permanent polymer of drug eluting stents increases eosinophil cationic protein levels following percutaneous coronary intervention independently of C-reactive protein. *Atherosclerosis*, **2014**, 237, 816-20	3.1	2
187	Mechanisms of atherothrombosis and vascular response to primary percutaneous coronary intervention in women versus men with acute myocardial infarction: results of the OCTAVIA study. *JACC: Cardiovascular Interventions*, **2014**, 7, 958-68	5	64
186	Radial artery complications occurring after transradial coronary procedures using long hydrophilic-coated introducer sheath: a frequency domain-optical coherence tomography study. *International Journal of Cardiovascular Imaging*, **2014**, 30, 21-9	2.5	15
185	Fractional flow reserve or optical coherence tomography guidance to revascularize intermediate coronary stenosis using angioplasty (FORZA) trial: study protocol for a randomized controlled trial. *Trials*, **2014**, 15, 140	2.8	12
184	Impact of baseline hemorrhagic risk on the benefit of bivalirudin versus unfractionated heparin in patients treated with coronary angioplasty: a meta-regression analysis of randomized trials. *American Heart Journal*, **2014**, 167, 401-412.e6	4.9	19
183	Management of Patients Presenting too Late for PTCA **2014**, 137-145		
182	Protective effect of pre-infarction angina on microvascular obstruction after primary percutaneous coronary intervention is blunted in humans by cardiovascular risk factors. *Circulation Journal*, **2014**, 78, 1935-41	2.9	9
181	Association between inflammatory biomarkers and in-stent restenosis tissue features: an Optical Coherence Tomography Study. *European Heart Journal Cardiovascular Imaging*, **2014**, 15, 917-25	4.1	12
180	Neoatherosclerosis: a novel player in late stent failure. *Interventional Cardiology*, **2014**, 6, 217-225	3	0
179	Frequency-domain optical coherence tomography findings in patients with bifurcated lesions undergoing provisional stenting. *European Heart Journal Cardiovascular Imaging*, **2014**, 15, 547-55	4.1	25
178	Association of baseline C-reactive protein levels with periprocedural myocardial injury in patients undergoing percutaneous bifurcation intervention: a CACTUS study subanalysis. *Catheterization and Cardiovascular Interventions*, **2014**, 83, E37-44	2.7	7
177	Three-year follow-up of patients with bifurcation lesions treated with sirolimus- or everolimus-eluting stents: SEAside and CORpal cooperative study. *Revista Espanola De Cardiologia (English Ed)*, **2014**, 67, 797-803	0.7	3
176	Value of EuroSCORE II in predicting total and cardiac mortality in patients undergoing percutaneous coronary interventions. *American Journal of Cardiology*, **2014**, 113, 745-6	3	2
175	Morphological-biohumoral correlations in acute coronary syndromes: pathogenetic implications. *International Journal of Cardiology*, **2014**, 171, 463-6	3.2	25
174	Impact of accuracy of fractional flow reserve to reduction of microvascular resistance after intracoronary adenosine in patients with angina pectoris or non-ST-segment elevation myocardial infarction. *American Journal of Cardiology*, **2014**, 113, 1461-7	3	12
173	Left ventricular remodeling and 1-year clinical follow-up of the REOPEN-AMI trial. *Journal of the American College of Cardiology*, **2014**, 63, 1454-5	15.1	23

172	Seguimiento de 3´aos de pacientes con lesiones de´bifurcaci tratados con´stents liberadores de´sirolimus o´everolimus: estudio de colaboraci de SEAside y CORpal. *Revista Espanola De Cardiologia*, **2014**, 67, 797-803	1.5	14
171	Excimer Laser LEsion modification to expand non-dilatable stents: the ELLEMENT registry. *Cardiovascular Revascularization Medicine*, **2014**, 15, 8-12	1.6	91
170	Post-procedural renal microvascular perfusion measured using the Quantitative Blush Evaluator (QuBE) predicts improvement in renal function in patients undergoing percutaneous renal artery stenting. *International Journal of Cardiology*, **2014**, 172, e127-9	3.2	1
169	Trabecular metal screw implanted for avascular necrosis of the femoral head may complicate subsequent arthroplasty surgery. *European Journal of Orthopaedic Surgery and Traumatology*, **2014**, 24, 931-8	2.2	8
168	Excimer laser for a highly stenotic saphenous vein graft: evidence of debulking by optical coherence tomography. *EuroIntervention*, **2014**, 9, 1484	3.1	2
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