

Giampaolo Niccoli

List of Publications by Year in descending order

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Version: 2024-02-01

356
papers

11,142
citations

34016

52
h-index

42291

92
g-index

368
all docs

368
docs citations

368
times ranked

9485
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI. <i>New England Journal of Medicine</i> , 2017, 376, 1824-1834.	13.9	742
2	Myocardial No-Reflow in Humans. <i>Journal of the American College of Cardiology</i> , 2009, 54, 281-292.	1.2	720
3	Randomized Study of the Crush Technique Versus Provisional Side-Branch Stenting in True Coronary Bifurcations. <i>Circulation</i> , 2009, 119, 71-78.	1.6	472
4	Manual Thrombus-Aspiration Improves Myocardial Reperfusion. <i>Journal of the American College of Cardiology</i> , 2005, 46, 371-376.	1.2	329
5	Coronary microvascular obstruction in acute myocardial infarction. <i>European Heart Journal</i> , 2016, 37, 1024-1033.	1.0	313
6	Acute myocardial infarction with no obstructive coronary atherosclerosis: mechanisms and management. <i>European Heart Journal</i> , 2015, 36, 475-481.	1.0	273
7	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.	1.0	250
8	Plaque rupture and intact fibrous cap assessed by optical coherence tomography portend different outcomes in patients with acute coronary syndrome. <i>European Heart Journal</i> , 2015, 36, 1377-1384.	1.0	226
9	High Levels of Systemic Myeloperoxidase Are Associated With Coronary Plaque Erosion in Patients With Acute Coronary Syndromes. <i>Circulation</i> , 2010, 122, 2505-2513.	1.6	205
10	Coronary Microvascular Dysfunction Across the Spectrum of Cardiovascular Diseases. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1352-1371.	1.2	201
11	Patients with acute myocardial infarction and non-obstructive coronary arteries: safety and prognostic relevance of invasive coronary provocative tests. <i>European Heart Journal</i> , 2018, 39, 91-98.	1.0	164
12	Management strategies in patients affected by chronic total occlusions: results from the Italian Registry of Chronic Total Occlusions. <i>European Heart Journal</i> , 2015, 36, 3189-3198.	1.0	161
13	Optimized Treatment of ST-Elevation Myocardial Infarction. <i>Circulation Research</i> , 2019, 125, 245-258.	2.0	140
14	Editor's Choice- Pathophysiology, diagnosis and management of MINOCA: an update. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019, 8, 54-62.	0.4	128
15	Vascular complications and access crossover in 10,676 transradial percutaneous coronary procedures. <i>American Heart Journal</i> , 2012, 163, 230-238.	1.2	123
16	Excimer Laser LEsion Modification to Expand Non-dilatable sTents: The ELLEMENT Registry. <i>Cardiovascular Revascularization Medicine</i> , 2014, 15, 8-12.	0.3	122
17	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. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1437-1449.	1.1	111
18	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, 1128-1137.	0.5	107

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19	Optical coherence tomography in coronary atherosclerosis assessment and intervention. <i>Nature Reviews Cardiology</i> , 2022, 19, 684-703.	6.1	106
20	EuroSCORE as predictor of in-hospital mortality after percutaneous coronary intervention. <i>Heart</i> , 2008, 95, 43-48.	1.2	104
21	Endothelin-1 and acute myocardial infarction: a no-reflow mediator after successful percutaneous myocardial revascularization. <i>European Heart Journal</i> , 2006, 27, 1793-1798.	1.0	103
22	The Evolving Role of Inflammatory Biomarkers in Risk Assessment After Stent Implantation. <i>Journal of the American College of Cardiology</i> , 2010, 56, 1783-1793.	1.2	101
23	Open-Label, Randomized, Placebo-Controlled Evaluation of Intracoronary Adenosine or Nitroprusside After Thrombus Aspiration During Primary Percutaneous Coronary Intervention for the Prevention of Microvascular Obstruction in Acute Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2013, 6, 580-589.	1.1	100
24	Severity of coronary atherosclerosis in patients with a first acute coronary event: a diabetes paradox. <i>European Heart Journal</i> , 2013, 34, 729-741.	1.0	100
25	CagA antigen of helicobacter pylori and coronary instability: Insight from a clinico-pathological study and a meta-analysis of 4241 cases. <i>Atherosclerosis</i> , 2009, 202, 535-542.	0.4	95
26	Intracoronary microparticles and microvascular obstruction in patients with ST elevation myocardial infarction undergoing primary percutaneous intervention. <i>European Heart Journal</i> , 2012, 33, 2928-2938.	1.0	95
27	Influence of the Amount of Myocardium Subtended by a Stenosis on Fractional Flow Reserve. <i>Circulation: Cardiovascular Interventions</i> , 2013, 6, 29-36.	1.4	95
28	Coronary Atherosclerotic Phenotype and Plaque Healing in Patients With Recurrent Acute Coronary Syndromes Compared With Patients With Long-term Clinical Stability. <i>JAMA Cardiology</i> , 2019, 4, 321.	3.0	92
29	Mechanisms of Atherothrombosis and Vascular Response to Primary Percutaneous Coronary Intervention in Women Versus Men With Acute Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 958-968.	1.1	89
30	Eroded Versus Ruptured Plaques at the Culprit Site of STEMI. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 566-575.	2.3	88
31	No-reflow: again prevention is better than treatment. <i>European Heart Journal</i> , 2010, 31, 2449-2455.	1.0	86
32	Predictors of Periprocedural (Type IVa) Myocardial Infarction, as Assessed by Frequency-Domain Optical Coherence Tomography. <i>Circulation: Cardiovascular Interventions</i> , 2012, 5, 89-96.	1.4	84
33	Maximal Hyperemia in the Assessment of Fractional Flow Reserve. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 402-408.	1.1	84
34	Adjunctive devices in primary or rescue PCI: A meta-analysis of randomized trials. <i>International Journal of Cardiology</i> , 2008, 123, 313-321.	0.8	78
35	A current approach to heart failure in Duchenne muscular dystrophy. <i>Heart</i> , 2017, 103, 1770-1779.	1.2	75
36	Clinical and Laboratory Predictors for Plaque Erosion in Patients With Acute Coronary Syndromes. <i>Journal of the American Heart Association</i> , 2019, 8, e012322.	1.6	70

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37	Effect of intensive vs standard statin therapy on endothelial progenitor cells and left ventricular function in patients with acute myocardial infarction: Statins for regeneration after acute myocardial infarction and PCI (STRAP) trial. <i>International Journal of Cardiology</i> , 2008, 130, 457-462.	0.8	69
38	Plasma levels of thromboxane A2 on admission are associated with no-reflow after primary percutaneous coronary intervention. <i>European Heart Journal</i> , 2008, 29, 1843-1850.	1.0	67
39	High Telomerase Activity in Neutrophils From Unstable Coronary Plaques. <i>Journal of the American College of Cardiology</i> , 2007, 50, 2369-2374.	1.2	64
40	Eosinophil cationic protein: A new biomarker of coronary atherosclerosis. <i>Atherosclerosis</i> , 2010, 211, 606-611.	0.4	63
41	Prospective Randomized Comparison of Sirolimus- or Everolimus-Eluting Stent to Treat Bifurcated Lesions by Provisional Approach. <i>JACC: Cardiovascular Interventions</i> , 2011, 4, 327-335.	1.1	63
42	Association between C-reactive protein and angiographic restenosis after bare metal stents: an updated and comprehensive meta-analysis of 2747 patients. <i>Cardiovascular Revascularization Medicine</i> , 2008, 9, 156-165.	0.3	62
43	Role of Allergic Inflammatory Cells in Coronary Artery Disease. <i>Circulation</i> , 2018, 138, 1736-1748.	1.6	61
44	Predictors of Mortality in Myocardial Infarction and Nonobstructed Coronary Arteries: A Systematic Review and Meta-Regression. <i>American Journal of Medicine</i> , 2020, 133, 73-83.e4.	0.6	60
45	Alterations of Hyaluronan Metabolism in Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , 2018, 72, 1490-1503.	1.2	59
46	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. <i>EuroIntervention</i> , 2015, 11, 421-427.	1.4	56
47	Usefulness of Granulocyte Colony-Stimulating Factor in Patients With a Large Anterior Wall Acute Myocardial Infarction to Prevent Left Ventricular Remodeling (The Rigenera Study). <i>American Journal of Cardiology</i> , 2007, 100, 397-403.	0.7	55
48	Cystatin C is associated with an increased coronary atherosclerotic burden and a stable plaque phenotype in patients with ischemic heart disease and normal glomerular filtration rate. <i>Atherosclerosis</i> , 2008, 198, 373-380.	0.4	55
49	Feasibility and long-term safety of elective Impella-assisted high-risk percutaneous coronary intervention: a pilot two-centre study. <i>Journal of Cardiovascular Medicine</i> , 2008, 9, 1004-1010.	0.6	55
50	Methods to investigate coronary microvascular function in clinical practice. <i>Journal of Cardiovascular Medicine</i> , 2013, 14, 1-18.	0.6	55
51	Use of a second buddy wire during percutaneous coronary interventions: a simple solution for some challenging situations. <i>Journal of Invasive Cardiology</i> , 2005, 17, 171-4.	0.4	55
52	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. <i>EuroIntervention</i> , 2013, 9, 936-944.	1.4	53
53	Relation of Myocardial Blush Grade to Microvascular Perfusion and Myocardial Infarct Size After Primary or Rescue Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2007, 99, 1671-1673.	0.7	51
54	Pre-intervention eosinophil cationic protein serum levels predict clinical outcomes following implantation of drug-eluting stents. <i>European Heart Journal</i> , 2009, 30, 1340-1347.	1.0	51

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55	Angina after percutaneous coronary intervention: The need for precision medicine. <i>International Journal of Cardiology</i> , 2017, 248, 14-19.	0.8	51
56	Baseline systemic inflammatory status and no-reflow phenomenon after percutaneous coronary angioplasty for acute myocardial infarction. <i>International Journal of Cardiology</i> , 2007, 117, 306-311.	0.8	47
57	Independent prognostic value of C-reactive protein and coronary artery disease extent in patients affected by unstable angina. <i>Atherosclerosis</i> , 2008, 196, 779-785.	0.4	45
58	Temporal Trends in Adverse Events After Everolimus-Eluting Bioresorbable Vascular Scaffold Versus Everolimus-Eluting Metallic Stent Implantation. <i>Circulation</i> , 2017, 135, 2145-2154.	1.6	45
59	Not all plaque ruptures are born equal: an optical coherence tomography study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1271-1277.	0.5	45
60	Frequency domain optical coherence tomography to assess non-ostial left main coronary artery. <i>EuroIntervention</i> , 2015, 10, e1-e8.	1.4	45
61	Angiographic evaluation of the effect of intracoronary abciximab administration in patients undergoing urgent PCI. <i>International Journal of Cardiology</i> , 2005, 105, 250-255.	0.8	44
62	Neoatherosclerosis after drug-eluting stent implantation: a novel clinical and therapeutic challenge. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2019, 5, 105-116.	1.4	44
63	Coronary atherosclerotic burden in patients with infection by CagA-positive strains of <i>Helicobacter pylori</i> . <i>Coronary Artery Disease</i> , 2010, 21, 217-221.	0.3	43
64	Impact of microvascular obstruction and infarct size on left ventricular remodeling in reperfused myocardial infarction: a contrast-enhanced cardiac magnetic resonance imaging study. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 835-842.	0.7	42
65	Autoantibodies against oxidized low density lipoproteins in patients with stable angina, unstable angina or peripheral vascular disease; pathophysiological implications. <i>European Heart Journal</i> , 2001, 22, 1572-1577.	1.0	41
66	Advances in mechanisms, imaging and management of the unstable plaque. <i>Atherosclerosis</i> , 2014, 233, 467-477.	0.4	41
67	The Multi-center Evaluation of the Accuracy of the Contrast MEdium INduced Pd/Pa RaTiO in Predicting FFR (MEMENTO-FFR) Study. <i>EuroIntervention</i> , 2016, 12, 708-715.	1.4	41
68	Ethanol Abolishes Ischemic Preconditioning in Humans. <i>Journal of the American College of Cardiology</i> , 2008, 51, 271-275.	1.2	40
69	Evaluation of the "Learning Curve" for Left and Right Radial Approach During Percutaneous Coronary Procedures. <i>American Journal of Cardiology</i> , 2011, 108, 185-188.	0.7	40
70	Clinical and procedural impact of aortic arch anatomic variants in carotid stenting procedures. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, 480-489.	0.7	39
71	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.	0.5	36
72	Coronary slow flow is associated with a worse clinical outcome in patients with Takotsubo syndrome. <i>Heart</i> , 2020, 106, 923-930.	1.2	36

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73	Interplay Between Myocardial Bridging and Coronary Spasm in Patients With Myocardial Ischemia and Non-Obstructive Coronary Arteries: Pathogenic and Prognostic Implications. <i>Journal of the American Heart Association</i> , 2021, 10, e020535.	1.6	36
74	Effect of Chronic Aspirin Therapy on Angiographic Thrombotic Burden in Patients Admitted for a First ST-Elevation Myocardial Infarction. <i>American Journal of Cardiology</i> , 2010, 105, 587-591.	0.7	35
75	Clinical Events After Deferral of LAD Revascularization Following Physiological Coronary Assessment. <i>Journal of the American College of Cardiology</i> , 2019, 73, 444-453.	1.2	35
76	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.	1.5	35
77	Myocardial and Microvascular Injury Due to Coronavirus Disease 2019. <i>European Cardiology Review</i> , 2020, 15, e52.	0.7	35
78	Inflammatory predictors of mortality in the scandinavian simvastatin survival study. <i>Clinical Cardiology</i> , 2002, 25, 461-466.	0.7	34
79	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. <i>Journal of Interventional Cardiology</i> , 2019, 2019, 1-10.	0.5	34
80	Coronary bifurcation lesions: To stent one branch or both? A meta-analysis of patients treated with drug eluting stents. <i>International Journal of Cardiology</i> , 2010, 139, 80-91.	0.8	33
81	Late (3 Years) Follow-Up of Successful Versus Unsuccessful Revascularization in Chronic Total Coronary Occlusions Treated by Drug Eluting Stent. <i>American Journal of Cardiology</i> , 2012, 110, 948-953.	0.7	33
82	Frequency-domain optical coherence tomography findings in patients with bifurcated lesions undergoing provisional stenting. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 547-555.	0.5	32
83	Thrombus aspiration in ST elevation myocardial infarction: comparative efficacy in patients treated early and late after onset of symptoms. <i>Heart</i> , 2010, 96, 1287-1290.	1.2	31
84	Are the Culprit Lesions Severely Stenotic?. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 1108-1114.	2.3	31
85	Management and timing of access-site vascular complications occurring after trans-radial percutaneous coronary procedures. <i>International Journal of Cardiology</i> , 2013, 167, 1973-1978.	0.8	31
86	Morphological and biochemical correlations in acute coronary syndromes: Pathogenetic implications. <i>International Journal of Cardiology</i> , 2014, 171, 463-466.	0.8	31
87	Activation of Nrf2/HO-1 Pathway and Human Atherosclerotic Plaque Vulnerability: an In Vitro and In Vivo Study. <i>Cells</i> , 2019, 8, 356.	1.8	30
88	Myocardial infarction with non-obstructive coronary arteries: what is the prognosis?. <i>European Heart Journal Supplements</i> , 2020, 22, E40-E45.	0.0	30
89	Coronary provocative tests in the catheterization laboratory: Pathophysiological bases, methodological considerations and clinical implications. <i>Atherosclerosis</i> , 2021, 318, 14-21.	0.4	30
90	Air Pollution and Coronary Plaque Vulnerability and Instability. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 325-342.	2.3	30

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91	Case-Control Registry of Excimer Laser Coronary Angioplasty Versus Distal Protection Devices in Patients With Acute Coronary Syndromes due to Saphenous Vein Graft Disease. <i>American Journal of Cardiology</i> , 2013, 112, 1586-1591.	0.7	29
92	Lipoprotein (a) is related to coronary atherosclerotic burden and a vulnerable plaque phenotype in angiographically obstructive coronary artery disease. <i>Atherosclerosis</i> , 2016, 246, 214-220.	0.4	29
93	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. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 524-531.	0.5	29
94	Coronary microvascular dysfunction in patients with acute coronary syndrome and no obstructive coronary artery disease. <i>Clinical Research in Cardiology</i> , 2019, 108, 1364-1370.	1.5	29
95	Management of non-culprit coronary plaques in patients with acute coronary syndrome. <i>European Heart Journal</i> , 2020, 41, 3579-3586.	1.0	29
96	A pilot study with a new, rapid-exchange, thrombus-aspirating device in patients with thrombus-containing lesions: The Diver C.E. study. <i>Catheterization and Cardiovascular Interventions</i> , 2006, 67, 887-893.	0.7	28
97	Impact of radial aorta vascular anatomical variants on risk of failure in transradial coronary procedures. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 80, 298-303.	0.7	28
98	Are we ready for a gender-specific approach in interventional cardiology?. <i>International Journal of Cardiology</i> , 2019, 286, 226-233.	0.8	28
99	No-reflow: Incidence and Detection in The Cath-Lab. <i>Current Pharmaceutical Design</i> , 2013, 19, 4564-4575.	0.9	27
100	What is the incidence of myocardial necrosis in elective patients discharged on the same day following percutaneous coronary intervention?. <i>Heart</i> , 2004, 90, 1489-1490.	1.2	26
101	Comparison of the Effects of Ramipril Versus Telmisartan on High-Sensitivity C-Reactive Protein and Endothelial Progenitor Cells After Acute Coronary Syndrome. <i>American Journal of Cardiology</i> , 2009, 103, 1500-1505.	0.7	26
102	Eosinophil cationic protein and clinical outcome after bare metal stent implantation. <i>Atherosclerosis</i> , 2011, 215, 166-169.	0.4	26
103	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. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, E46-E52.	0.7	26
104	Sex Differences in Instantaneous Wave-Free Ratio or Fractional Flow Reserve-Guided Revascularization Strategy. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2035-2046.	1.1	26
105	Safety and prognostic relevance of acetylcholine testing in patients with stable myocardial ischaemia or myocardial infarction and non-obstructive coronary arteries. <i>EuroIntervention</i> , 2022, 18, e666-e676.	1.4	26
106	Different Apparent Prognostic Value of hsCRP in Type 2 Diabetic and Nondiabetic Patients with Acute Coronary Syndromes. <i>Clinical Chemistry</i> , 2009, 55, 365-368.	1.5	25
107	Left Ventricular Remodeling and 1-Year Clinical Follow-Up of the REOPEN-AMI Trial. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1454-1455.	1.2	25
108	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. <i>JAMA Cardiology</i> , 2019, 4, 857.	3.0	25

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109	Developing LRP1 Agonists into a Therapeutic Strategy in Acute Myocardial Infarction. <i>International Journal of Molecular Sciences</i> , 2019, 20, 544.	1.8	25
110	Correlation between CD4+CD28null 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.	0.8	25
111	Correlation between frequency-domain optical coherence tomography and fractional flow reserve in angiographically-intermediate coronary lesions. <i>International Journal of Cardiology</i> , 2018, 253, 55-60.	0.8	24
112	Radial artery complications occurring after transradial coronary procedures using long hydrophilic-coated introducer sheath: a frequency domain-optical coherence tomography study. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 21-29.	0.7	23
113	Allergic Inflammation Is Associated With Coronary Instability and a Worse Clinical Outcome After Acute Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e002554.	1.4	23
114	Biological profile of monocyte-derived macrophages in coronary heart disease patients: implications for plaque morphology. <i>Scientific Reports</i> , 2019, 9, 8680.	1.6	23
115	CD4+CD28null T lymphocytes are expanded in young women with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2011, 95, 2651-2654.	0.5	22
116	Are endothelial progenitor cells mobilized by myocardial ischemia or myocardial necrosis? A cardiac magnetic resonance study. <i>Atherosclerosis</i> , 2011, 216, 355-358.	0.4	22
117	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. <i>American Heart Journal</i> , 2014, 167, 401-412.e6.	1.2	22
118	Periprocedural Myocardial Injury Predicts Short- and Long-Term Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e007106.	1.4	22
119	Filter no reflow during percutaneous coronary interventions using the Filterwire distal protection device. <i>International Journal of Cardiology</i> , 2006, 109, 53-58.	0.8	21
120	Effects of Drospirenone+Ethinylestradiol and/or Metformin on CD4+CD28null T Lymphocytes Frequency in Women With Hyperinsulinemia Having Polycystic Ovary Syndrome: A Randomized Clinical Trial. <i>Reproductive Sciences</i> , 2013, 20, 1508-1517.	1.1	21
121	Filter no-reflow during percutaneous coronary intervention of saphenous vein grafts: incidence, predictors and effect of the type of protection device. <i>EuroIntervention</i> , 2011, 7, 955-961.	1.4	21
122	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.	1.2	20
123	Macrophage infiltrates in coronary plaque erosion and cardiovascular outcome in patients with acute coronary syndrome. <i>Atherosclerosis</i> , 2020, 311, 158-166.	0.4	20
124	Identification of the haemodynamic environment permissive for plaque erosion. <i>Scientific Reports</i> , 2021, 11, 7253.	1.6	20
125	Inflammatory Mechanisms of Adverse Reactions to Drug-Eluting Stents. <i>Current Vascular Pharmacology</i> , 2013, 11, 392-398.	0.8	20
126	Comparison of the transradial and transfemoral approaches for coronary angiographic evaluation in patients with internal mammary artery grafts. <i>Journal of Cardiovascular Medicine</i> , 2008, 9, 263-266.	0.6	19

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127	Glycoprotein IIB/IIIa inhibitor to reduce postpercutaneous coronary intervention myonecrosis and improve coronary flow in diabetics: the OPTIMIZE-IT™ pilot randomized study. <i>Journal of Cardiovascular Medicine</i> , 2009, 10, 245-251.	0.6	18
128	Ezetimibe and Plaque Regression. <i>Journal of the American College of Cardiology</i> , 2015, 66, 508-510.	1.2	18
129	Prevention and treatment of no-reflow. <i>Acute Cardiac Care</i> , 2010, 12, 81-91.	0.2	17
130	Fractional flow reserve or optical coherence tomography guidance to revascularize intermediate coronary stenosis using angioplasty (FORZA) trial: study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 140.	0.7	17
131	Myocardial infarction with non-obstructive coronary arteries: dealing with pears and apples. <i>European Heart Journal</i> , 2020, 41, 879-881.	1.0	17
132	Decreased myocardial infarction admissions during COVID times: what can we learn?. <i>Cardiovascular Research</i> , 2020, 116, e126-e128.	1.8	17
133	Diagnostic work-up and therapeutic implications in MINOCA: need for a personalized approach. <i>Future Cardiology</i> , 2021, 17, 149-154.	0.5	17
134	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.	1.6	17
135	CD4+CD28null T lymphocyte frequency, a new marker of cardiovascular risk: relationship with polycystic ovary syndrome phenotypes. <i>Fertility and Sterility</i> , 2012, 98, 1609-1615.	0.5	16
136	Seguimiento de 3 años de pacientes con lesiones de bifurcación tratadas con stents liberadores de sirolimus o everolimus: estudio de colaboración de SEAside y CORpal. <i>Revista Espanola De Cardiologia</i> , 2014, 67, 797-803.	0.6	16
137	The central role of conventional 12-lead ECG for the assessment of microvascular obstruction after percutaneous myocardial revascularization. <i>Journal of Electrocardiology</i> , 2014, 47, 45-51.	0.4	16
138	Optical coherence tomography guidance for the management of angiographically intermediate left main bifurcation lesions: Early clinical experience. <i>International Journal of Cardiology</i> , 2017, 248, 108-113.	0.8	16
139	A case of myocardial infarction effectively treated by emergency coronary stenting soon after a Bentall's aortic surgery. <i>Cardiovascular Revascularization Medicine</i> , 2010, 11, 263.e5-263.e9.	0.3	15
140	Laser for complex coronary lesions: Impact of excimer lasers and technical advancements. <i>International Journal of Cardiology</i> , 2011, 146, 296-299.	0.8	15
141	Comparison of Two- and Three-Dimensional Quantitative Coronary Angiography to Intravascular Ultrasound in the Assessment of Intermediate Left Main Stenosis. <i>American Journal of Cardiology</i> , 2012, 109, 1600-1607.	0.7	15
142	Angiographic assessment of myocardial perfusion in Tako-Tsubo syndrome. <i>International Journal of Cardiology</i> , 2013, 168, 4717-4722.	0.8	15
143	Patients with microvascular obstruction after primary percutaneous coronary intervention show a gp91phox (NOX2) mediated persistent oxidative stress after reperfusion. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2013, 2, 379-388.	0.4	15
144	Association between inflammatory biomarkers and in-stent restenosis tissue features: an Optical Coherence Tomography Study. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 917-925.	0.5	15

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145	The combined use of Drug-eluting balloon and Excimer laser for coronary artery Restenosis In-Stent Treatment: The DERIST study. <i>Cardiovascular Revascularization Medicine</i> , 2017, 18, 165-168.	0.3	15
146	Clinical outcome and correlates of coronary microvascular obstruction in latecomers after acute myocardial infarction. <i>International Journal of Cardiology</i> , 2017, 236, 30-35.	0.8	15
147	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.	1.0	15
148	A complex case of right coronary artery chronic total occlusion treated by a successful multi-step Japanese approach. <i>Journal of Invasive Cardiology</i> , 2006, 18, E230-3.	0.4	15
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152	Current interventional coronary applications of excimer laser. <i>Expert Review of Medical Devices</i> , 2013, 10, 541-549.	1.4	14
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157	Granulocyte colony-stimulating factor for the treatment of cardiovascular diseases: An update with a critical appraisal. <i>Pharmacological Research</i> , 2018, 127, 67-76.	3.1	14
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159	Endogenous serum erythropoietin and no-reflow in patients with ST-elevation myocardial infarction. <i>European Journal of Clinical Investigation</i> , 2011, 41, 1210-1219.	1.7	13
160	Impact of electronegative low-density lipoprotein on angiographic coronary atherosclerotic burden. <i>Atherosclerosis</i> , 2012, 223, 166-170.	0.4	13
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164	Protective Effect of Pre-Infarction Angina on Microvascular Obstruction After Primary Percutaneous Coronary Intervention Is Blunted in Humans by Cardiovascular Risk Factors. <i>Circulation Journal</i> , 2014, 78, 1935-1941.	0.7	13
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177	Eosinophils: a new player in coronary atherosclerotic disease. <i>Hypertension Research</i> , 2012, 35, 269-271.	1.5	11
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223	Angiographically intermediate left main bifurcation disease assessment by frequency domain optical coherence tomography (FD-OCT). <i>International Journal of Cardiology</i> , 2016, 220, 726-728.	0.8	6
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237	Recurrent acute coronary syndrome and mechanisms of plaque instability. <i>International Journal of Cardiology</i> , 2017, 243, 98-102.	0.8	5
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242	Angiographic and clinical outcome of percutaneous coronary intervention for in-stent restenosis of bifurcated lesions. <i>EuroIntervention</i> , 2012, 8, 701-707.	1.4	5
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257	A case of very late thrombosis of bare metal stent successfully treated with Excimer Laser Coronary Angioplasty. <i>International Journal of Cardiology</i> , 2010, 145, e60-e63.	0.8	3
258	Predictors of myocardial microvascular obstruction in patients treated by primary percutaneous coronary intervention and a short ischemic time. <i>International Journal of Cardiology</i> , 2011, 153, 113-115.	0.8	3
259	A Complex Case of Angulated and Bifurcated Lesion Facilitated by Excimer Laser Coronary Angioplasty. <i>Journal of Interventional Cardiology</i> , 2011, 24, 514-517.	0.5	3
260	Editorial (Hot Topics: Inflammation: A Key Mechanism of Adverse Reactions to Coronary Stent and A) <i>Tj ETQq0 0 0 rBT /Overlock 10 Tf</i>	0.8	3
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265	Concordance of angiographic and electrocardiographic indexes of microvascular obstruction. <i>Journal of Cardiovascular Medicine</i> , 2016, 17, 382-391.	0.6	3
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268	Human monocyte-derived macrophages: Pathogenetic role in plaque rupture associated to systemic inflammation. <i>International Journal of Cardiology</i> , 2021, 325, 1-8.	0.8	3
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274	Clinical impact of routine angiographic follow-up after percutaneous coronary interventions on unprotected left main. <i>Cardiology Journal</i> , 2018, 25, 582-588.	0.5	3
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278	Dynamic collateral coronary circulation: angiographic evidence. <i>Heart</i> , 2007, 93, 487-487.	1.2	2
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