

Antonio Maria Leone

List of Publications by Year in descending order

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94
papers

2,941
citations

172457

29
h-index

182427

51
g-index

94
all docs

94
docs citations

94
times ranked

3835
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobilization of bone marrow-derived stem cells after myocardial infarction and left ventricular function. <i>European Heart Journal</i> , 2005, 26, 1196-1204.	2.2	235
2	From bone marrow to the arterial wall: the ongoing tale of endothelial progenitor cells. <i>European Heart Journal</i> , 2008, 30, 890-899.	2.2	143
3	Vascular complications and access crossover in 10,676 transradial percutaneous coronary procedures. <i>American Heart Journal</i> , 2012, 163, 230-238.	2.7	123
4	Endogenous G-CSF and CD34+ cell mobilization after acute myocardial infarction. <i>International Journal of Cardiology</i> , 2006, 111, 202-208.	1.7	116
5	Widespread Myocardial Inflammation and Infarct-Related Artery Patency. <i>Circulation</i> , 2004, 110, 46-50.	1.6	114
6	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.	2.9	100
7	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.	2.2	95
8	Influence of the Amount of Myocardium Subtended by a Stenosis on Fractional Flow Reserve. <i>Circulation: Cardiovascular Interventions</i> , 2013, 6, 29-36.	3.9	95
9	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.	6.1	92
10	Evolving Routine Standards in Invasive Hemodynamic Assessment of Coronary Stenosis. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1482-1491.	2.9	85
11	Maximal Hyperemia in the Assessment of Fractional Flow Reserve. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 402-408.	2.9	84
12	Quantitative Flow Ratio Identifies Nonculprit Coronary Lesions Requiring Revascularization in Patients With ST-Segment Elevation Myocardial Infarction and Multivessel Disease. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006023.	3.9	80
13	Fractional Flow Reserve or Optical Coherence Tomography to Guide Management of Angiographically Intermediate Coronary Stenosis. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 49-58.	2.9	73
14	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.	1.7	69
15	Infarct-related artery occlusion, tissue markers of ischaemia, and increased apoptosis in the peri-infarct viable myocardium. <i>European Heart Journal</i> , 2005, 26, 2039-2045.	2.2	65
16	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.	2.9	63
17	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.	3.2	56
18	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.	1.6	55

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19	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.	1.5	55
20	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.	2.2	51
21	Not all plaque ruptures are born equal: an optical coherence tomography study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1271-1277.	1.2	45
22	Frequency domain optical coherence tomography to assess non-ostial left main coronary artery. <i>EuroIntervention</i> , 2015, 10, e1-e8.	3.2	45
23	Neoatherosclerosis after drug-eluting stent implantation: a novel clinical and therapeutic challenge. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2019, 5, 105-116.	3.0	44
24	Novel Indices of Coronary Physiology. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008487.	3.9	44
25	Why β -Blockers Should Not Be Used as First Choice in Uncomplicated Hypertension. <i>American Journal of Cardiology</i> , 2010, 105, 1433-1438.	1.6	41
26	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.	3.2	41
27	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.	1.6	40
28	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.	1.2	34
29	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.	1.2	32
30	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.	1.7	31
31	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.	1.6	29
32	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.	1.7	28
33	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.	1.6	26
34	Eosinophil cationic protein and clinical outcome after bare metal stent implantation. <i>Atherosclerosis</i> , 2011, 215, 166-169.	0.8	26
35	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.	1.7	25
36	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.	1.7	24

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37	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.	1.5	23
38	Endothelial Progenitor Cells in Morbid Obesity. <i>Circulation Journal</i> , 2014, 78, 977-985.	1.6	23
39	Are endothelial progenitor cells mobilized by myocardial ischemia or myocardial necrosis? A cardiac magnetic resonance study. <i>Atherosclerosis</i> , 2011, 216, 355-358.	0.8	22
40	A less invasive totally endovascular (LITE) technique for transfemoral transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 459-470.	1.7	22
41	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.	3.2	21
42	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.	2.7	20
43	The Role of Beta-Blockers as First-Line Therapy in Hypertension. <i>Current Atherosclerosis Reports</i> , 2011, 13, 147-153.	4.8	19
44	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.	1.6	17
45	Effect of Exercise on Circulating Endothelial Progenitor Cells in Microvascular Angina. <i>Circulation Journal</i> , 2013, 77, 1777-1782.	1.6	16
46	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.	1.2	16
47	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.	1.7	16
48	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.	1.6	15
49	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.	1.2	15
50	Angiographic patterns of myocardial reperfusion after primary angioplasty and ventricular remodeling. <i>Coronary Artery Disease</i> , 2011, 22, 507-514.	0.7	14
51	Prospective evaluation of myocardial ischemia related to postprocedural side branch stenosis in bifurcated lesions treated by provisional approach with drug-eluting stents. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 79, 351-359.	1.7	14
52	Granulocyte colony-stimulating factor for the treatment of cardiovascular diseases: An update with a critical appraisal. <i>Pharmacological Research</i> , 2018, 127, 67-76.	7.1	14
53	Endothelial Progenitor Cells, Microvascular Obstruction, and Left Ventricular Remodeling in Patients With ST Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2013, 112, 782-791.	1.6	13
54	Baseline inflammatory status and long-term changes in renal function after percutaneous renal artery stenting: A prospective study. <i>International Journal of Cardiology</i> , 2013, 167, 1006-1011.	1.7	13

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55	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. <i>American Journal of Cardiology</i> , 2014, 113, 1461-1467.	1.6	13
56	Comparison of Right and Left Upper Limb Arterial Variants in Patients Undergoing Bilateral Transradial Procedures. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e002863.	3.9	13
57	Hemodynamics and its predictors during Impella-protected PCI in high risk patients with reduced ejection fraction. <i>International Journal of Cardiology</i> , 2019, 274, 221-225.	1.7	13
58	Resolute zotarolimus-eluting stent to treat bifurcated lesions according to the provisional technique: A procedural performance comparison with sirolimus- and everolimus-eluting stents. <i>Cardiovascular Revascularization Medicine</i> , 2013, 14, 122-127.	0.8	12
59	Outcome of patients treated by a novel thin-strut cobalt-chromium stent in the drug-eluting stent era: Results of the SKICE (Skylor in real world practice) registry. <i>Catheterization and Cardiovascular Interventions</i> , 2009, 73, 457-465.	1.7	11
60	Percutaneous transcatheter aortic valve replacement induces femoral artery shrinkage: angiographic evidence and predictors for a new side effect. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 91, 938-944.	1.7	11
61	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.	3.7	11
62	Provisional TAP-stenting strategy to treat bifurcated lesions with drug-eluting stents: one-year clinical results of a prospective registry. <i>Journal of Invasive Cardiology</i> , 2009, 21, 532-7.	0.4	11
63	Impact of gender on clinical outcomes after mTOR-inhibitor drug-eluting stent implantation in patients with first manifestation of ischaemic heart disease. <i>European Journal of Preventive Cardiology</i> , 2012, 19, 914-926.	1.8	10
64	Dual role of circulating endothelial progenitor cells in stent struts endothelialisation and neointimal regrowth: A substudy of the IN-PACT CORO trial. <i>Cardiovascular Revascularization Medicine</i> , 2015, 16, 20-26.	0.8	10
65	No-Reflow Reversibility: A Study Based on Serial Assessment of Multiple Biomarkers. <i>Journal of Cardiovascular Translational Research</i> , 2013, 6, 798-807.	2.4	9
66	Outcome of coronary lesions with deferred revascularization due to negative fractional flow reserve in subjects with acute coronary syndrome. <i>International Journal of Cardiology</i> , 2017, 230, 335-338.	1.7	9
67	Fractional flow reserve in acute coronary syndromes and in stable ischemic heart disease: clinical implications. <i>International Journal of Cardiology</i> , 2019, 277, 42-46.	1.7	8
68	Safety and efficacy of G-CSF in patients with ischemic heart failure: The CORNER (Cell Option for) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Cardiology</i> , 2011, 150, 75-78.	1.7	7
69	Intimal hyperplasia evaluated by OCT in de novo CORONary lesions treated by drug-eluting balloon and bare-metal stent (IN-PACT CORO): study protocol for a randomized controlled trial. <i>Trials</i> , 2012, 13, 55.	1.6	7
70	Intracoronary versus intravenous adenosine to assess fractional flow reserve. <i>Journal of Cardiovascular Medicine</i> , 2018, 19, 274-283.	1.5	7
71	Adenosine-Free Indexes vs. Fractional Flow Reserve for Functional Assessment of Coronary Stenoses: Systematic Review and Meta-Analysis. <i>International Journal of Cardiology</i> , 2020, 299, 93-99.	1.7	7
72	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.	1.7	6

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73	The combined effect of subcutaneous granulocyte- colony stimulating factor and myocardial contrast echocardiography with intravenous infusion of sulfur hexafluoride on post-infarction left ventricular function, the RIGENERA 2.0 trial: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 97.	1.6	6
74	Contrast Fractional Flow Reserve (cFFR): A pragmatic response to the call for simplification of invasive functional assessment. <i>International Journal of Cardiology</i> , 2018, 268, 45-50.	1.7	6
75	Early Hemodynamic and Structural Impact of Transcatheter Aortic Valve Replacement in Pure Aortic Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2582-2584.	2.9	5
76	The Effects of Granulocyte Colony-Stimulating Factor in Patients with a Large Anterior Wall Acute Myocardial Infarction to Prevent Left Ventricular Remodeling: A 10-Year Follow-Up of the RIGENERA Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1214.	2.4	5
77	Stem cells in acute myocardial infarction: the good, the bad, and the ugly. <i>European Heart Journal</i> , 2006, 27, 2911-2913.	2.2	4
78	A case of fatal stent thrombosis after Carbostent implantation: Is clopidogrel alone antiplatelet therapy a safe alternative to aspirin alone antiplatelet therapy?. <i>International Journal of Cardiology</i> , 2007, 114, 279-281.	1.7	4
79	Three-year Follow-up of Patients With Bifurcation Lesions Treated With Sirolimus- or Everolimus-eluting Stents: SEAside and CORpal Cooperative Study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2014, 67, 797-803.	0.6	3
80	Concordance of angiographic and electrocardiographic indexes of microvascular obstruction. <i>Journal of Cardiovascular Medicine</i> , 2016, 17, 382-391.	1.5	3
81	Trends and outcomes of optical coherence tomography use: 877 patients single-center experience. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 303-310.	0.8	3
82	Physiological assessment after percutaneous coronary intervention: the hard truth. <i>Panminerva Medica</i> , 2021, 63, .	0.8	3
83	Three-dimensional quantitative coronary angiography and quantification of jeopardised myocardium to predict functional significance of intermediate coronary artery stenosis. <i>EuroIntervention</i> , 2015, 11, 308-318.	3.2	3
84	First line treatment for uncomplicated hypertension: Time for a rethink. <i>Maturitas</i> , 2011, 68, 1-2.	2.4	1
85	Superiority of Fractional Flow Reserve Versus Intravascular Ultrasound for Intermediate Coronary Stenoses. <i>Journal of the American College of Cardiology</i> , 2013, 62, 164.	2.8	1
86	Post-procedural renal microvascular perfusion measured using the Quantitative Blush Evaluator (QuBE) predicts improvement in renal function in patients undergoing percutaneous renal artery stenting. <i>International Journal of Cardiology</i> , 2014, 172, e127-e129.	1.7	1
87	Reply. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1133-1134.	2.9	1
88	Mobilization of bone marrow-derived stem cells after myocardial infarction and left ventricular function: simply effects of optimized drug treatment?: reply. <i>European Heart Journal</i> , 2005, 26, 1685-1686.	2.2	0
89	The ongoing search for simplifying fractional flow reserve assessment: the role of contrast medium. <i>Postepy W Kardiologii Interwencyjnej</i> , 2016, 3, 197-199.	0.2	0
90	Diagnostic Ultrasound Impulses Improve Microvascular Flow in Patients With STEMI Receiving Intravenous Microbubbles. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2030-2031.	2.8	0

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91	Data on optical coherence tomography guidance for the management of angiographically intermediate left main bifurcation lesions. Data in Brief, 2017, 14, 635-638.	1.0	0
92	Reply. JACC: Cardiovascular Interventions, 2020, 13, 269-270.	2.9	0
93	Understanding Fractional Flow Reserve. , 2017, , 195-208.		0
94	Clinical impact of the extent of jeopardized myocardium in patients undergoing transcatheter aortic valve intervention. Revista Espanola De Cardiologia (English Ed), 2022, , .	0.6	0