

Rocco A. Montone

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

2,665
citations

201385

27
h-index

205818

48
g-index

119
all docs

119
docs citations

119
times ranked

3355
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Optimized Treatment of ST-Elevation Myocardial Infarction. <i>Circulation Research</i> , 2019, 125, 245-258.	2.0	140
6	Optical coherence tomography in coronary atherosclerosis assessment and intervention. <i>Nature Reviews Cardiology</i> , 2022, 19, 684-703.	6.1	106
7	Expansion of CD4+CD28null T-lymphocytes in diabetic patients: exploring new pathogenetic mechanisms of increased cardiovascular risk in diabetes mellitus. <i>European Heart Journal</i> , 2011, 32, 1214-1226.	1.0	103
8	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
9	Microvascular Dysfunction in Heart Failure With Preserved Ejection Fraction. <i>Frontiers in Physiology</i> , 2019, 10, 1347.	1.3	81
10	Eosinophil cationic protein: A new biomarker of coronary atherosclerosis. <i>Atherosclerosis</i> , 2010, 211, 606-611.	0.4	63
11	Role of Allergic Inflammatory Cells in Coronary Artery Disease. <i>Circulation</i> , 2018, 138, 1736-1748.	1.6	61
12	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
13	Angina after percutaneous coronary intervention: The need for precision medicine. <i>International Journal of Cardiology</i> , 2017, 248, 14-19.	0.8	51
14	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
15	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
16	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
17	Advances in mechanisms, imaging and management of the unstable plaque. <i>Atherosclerosis</i> , 2014, 233, 467-477.	0.4	41
18	Pathophysiology of Coronary Microvascular Dysfunction. <i>Circulation Journal</i> , 2022, 86, 1319-1328.	0.7	40

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19	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
20	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
21	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
22	Myocardial and Microvascular Injury Due to Coronavirus Disease 2019. <i>European Cardiology Review</i> , 2020, 15, e52.	0.7	35
23	Persistence of Severe Pulmonary Hypertension After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, .	1.4	33
24	Identification of unique adaptive immune system signature in acute coronary syndromes. <i>International Journal of Cardiology</i> , 2013, 168, 564-567.	0.8	31
25	Morphological and biohumoral correlations in acute coronary syndromes: Pathogenetic implications. <i>International Journal of Cardiology</i> , 2014, 171, 463-466.	0.8	31
26	Transcatheter mitral valve regurgitation treatment: State of the art and a glimpse to the future. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 319-327.	0.4	31
27	Coronary provocative tests in the catheterization laboratory: Pathophysiological bases, methodological considerations and clinical implications. <i>Atherosclerosis</i> , 2021, 318, 14-21.	0.4	30
28	Omega-3 fatty acids supplementation and risk of atrial fibrillation: an updated meta-analysis of randomized controlled trials. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021, 7, e69-e70.	1.4	30
29	Air Pollution and Coronary Plaque Vulnerability and Instability. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 325-342.	2.3	30
30	Management of non-culprit coronary plaques in patients with acute coronary syndrome. <i>European Heart Journal</i> , 2020, 41, 3579-3586.	1.0	29
31	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
32	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
33	Inflammatory Mechanisms of Adverse Reactions to Drug-Eluting Stents. <i>Current Vascular Pharmacology</i> , 2013, 11, 392-398.	0.8	20
34	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.	1.4	19
35	Coronary Bioresorbable Vascular Scaffold Use in the Treatment of Coronary Artery Disease. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, .	1.4	17
36	Instantaneous Wave-free Ratio versus Fractional Flow Reserve. <i>New England Journal of Medicine</i> , 2017, 377, 1595-1599.	13.9	17

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37	Myocardial infarction with non-obstructive coronary arteries: dealing with pears and apples. <i>European Heart Journal</i> , 2020, 41, 879-881.	1.0	17
38	Diagnostic work-up and therapeutic implications in MINOCA: need for a personalized approach. <i>Future Cardiology</i> , 2021, 17, 149-154.	0.5	17
39	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
40	Direct oral anticoagulants vs. vitamin K antagonists for the treatment of left ventricular thrombosis: a systematic review of the literature and meta-analysis. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021, 7, e21-e25.	1.4	16
41	The failing right heart: implications and evolution in high-risk patients undergoing transcatheter aortic valve implantation. <i>EuroIntervention</i> , 2016, 12, 1542-1549.	1.4	16
42	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
43	Optical coherence tomography features of angiographic complex and smooth lesions in acute coronary syndromes. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 927-934.	0.7	14
44	Impact of electronegative low-density lipoprotein on angiographic coronary atherosclerotic burden. <i>Atherosclerosis</i> , 2012, 223, 166-170.	0.4	13
45	Unprotected left main revascularization: Percutaneous coronary intervention versus coronary artery bypass. An updated systematic review and meta-analysis of randomised controlled trials. <i>PLoS ONE</i> , 2017, 12, e0179060.	1.1	13
46	Optical coherence tomography and C-reactive protein in risk stratification of acute coronary syndromes. <i>International Journal of Cardiology</i> , 2019, 286, 7-12.	0.8	13
47	Role of endothelial dysfunction in determining angina after percutaneous coronary intervention: Learning from pathophysiology to optimize treatment. <i>Progress in Cardiovascular Diseases</i> , 2020, 63, 233-242.	1.6	13
48	The Role of Cardiac Magnetic Resonance in Myocardial Infarction and Non-obstructive Coronary Arteries. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 821067.	1.1	13
49	Procedural and 30-day clinical outcomes following transcatheter aortic valve replacement with lotus valve: Results of the RELEVANT study. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 1206-1211.	0.7	12
50	Efficacy and safety of novel oral anticoagulants versus low molecular weight heparin in cancer patients with venous thromboembolism: A systematic review and meta-analysis. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 154, 103074.	2.0	12
51	Predictive value of C-reactive protein after drug-eluting stent implantation. <i>Future Cardiology</i> , 2010, 6, 167-179.	0.5	11
52	Special Article - Emotional versus physical Takotsubo syndrome: Two faces of the same medal or two different syndromes?. <i>Progress in Cardiovascular Diseases</i> , 2020, 63, 699-701.	1.6	11
53	Clinical predictors and prognostic role of high Killip class in patients with a first episode of anterior ST-segment elevation acute myocardial infarction. <i>Journal of Cardiovascular Medicine</i> , 2021, 22, 530-538.	0.6	11
54	Bleeding Complications in Patients With Perioperative COVID-19 Infection Undergoing Cardiac Surgery: A Single-Center Matched Case-Control Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 1919-1926.	0.6	11

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55	NT-proANP and NT-proBNP circulating levels as predictors of cardiovascular outcome following coronary stent implantation. <i>Cardiovascular Revascularization Medicine</i> , 2016, 17, 162-168.	0.3	10
56	Sex-Related Differences in Dilated Cardiomyopathy with a Focus on Cardiac Dysfunction in Oncology. <i>Current Cardiology Reports</i> , 2020, 22, 102.	1.3	10
57	Left ventricular end-diastolic pressure predicts in-hospital outcomes in takotsubo syndrome. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 661-667.	0.4	10
58	Endothelial dysfunction as predictor of angina recurrence after successful percutaneous coronary intervention using second generation drug eluting stents. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 1360-1370.	0.8	9
59	The central role of invasive functional coronary assessment for patients with ischemic heart disease. <i>International Journal of Cardiology</i> , 2021, 331, 17-25.	0.8	7
60	A Novel Monocyte Subset as a Unique Signature of Atherosclerotic Plaque Rupture. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 753223.	1.8	7
61	Brain-derived neurotrophic factor in patients with acute coronary syndrome. <i>Translational Research</i> , 2021, 231, 39-54.	2.2	6
62	Takotsubo Syndrome in Intensive Cardiac Care Unit: Challenges in Diagnosis and Management. <i>Current Problems in Cardiology</i> , 2022, 47, 101084.	1.1	6
63	<i>Chlamydia pneumoniae</i> in coronary atherosclerotic plaques and coronary instability. <i>International Journal of Cardiology</i> , 2011, 147, 176-178.	0.8	5
64	Molecular Hallmarks of Ischemia with Non-Obstructive Coronary Arteries: The "INOCA versus Obstructive CCS" Challenge. <i>Journal of Clinical Medicine</i> , 2022, 11, 1711.	1.0	5
65	Interplay between inflammation and microvascular obstruction in ST-segment elevation myocardial infarction: The importance of velocity. <i>International Journal of Cardiology</i> , 2021, 339, 7-9.	0.8	4
66	Optical coherence tomography follow-up of the subintimal tracking and re-entry technique for chronic total occlusion. <i>EuroIntervention</i> , 2010, 6, 662-663.	1.4	4
67	Baseline C-reactive protein serum levels and in-stent restenosis pattern after m-TOR inhibitors drug-eluting stent implantation. <i>Journal of Invasive Cardiology</i> , 2011, 23, 16-20.	0.4	4
68	Permanent polymer of drug eluting stents increases eosinophil cationic protein levels following percutaneous coronary intervention independently of C-reactive protein. <i>Atherosclerosis</i> , 2014, 237, 816-820.	0.4	3
69	Transcatheter aortic valve replacement "state of the art and a glimpse to the future: the Tailored Approach"™. <i>European Heart Journal Supplements</i> , 2016, 18, E86-E95.	0.0	3
70	Personalized treatment of myocardial infarction and non-obstructive coronary arteries: an unmet need in a high-risk population. <i>European Heart Journal</i> , 2018, 39, 3335-3335.	1.0	3
71	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
72	Role of perilipin 2 in microvascular obstruction in patients with ST-elevation myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 633-642.	0.4	3

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73	Percutaneous coronary intervention in patients refused from surgery: a different entity?. <i>Minerva Cardioangiologica</i> , 2018, 66, 562-568.	1.2	3
74	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.	0.6	3
75	Excimer laser for a highly stenotic saphenous vein graft: evidence of debulking by optical coherence tomography. <i>EuroIntervention</i> , 2014, 9, 1484-1484.	1.4	3
76	Incidence, time course and predictors of early vs. late target lesion revascularisation after everolimus-eluting stent implantation: a SPIRIT V substudy. <i>EuroIntervention</i> , 2013, 9, 353-359.	1.4	3
77	Coronary Microvascular Dysfunction Is Associated With a Worse Cardiac Phenotype in Patients With Fabry Disease. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1518-1520.	2.3	3
78	Stent for chronic total coronary occlusions: benefits and drawbacks after the introduction of drug-eluting stents. <i>Interventional Cardiology</i> , 2010, 2, 405-416.	0.0	2
79	Very late stent thrombosis complicating a previously lost and partially crushed stent: Demonstration by optical coherence tomography. <i>Cardiovascular Revascularization Medicine</i> , 2012, 13, 357-359.	0.3	2
80	Eosinophils and risk stratification of patients treated by coronary stenting. <i>Thrombosis Research</i> , 2012, 130, 571-573.	0.8	2
81	Drug eluting versus bare metal stents for percutaneous coronary intervention of saphenous vein graft lesions: An updated meta-analysis of randomized controlled trials. <i>Cardiovascular Revascularization Medicine</i> , 2018, 19, 837-844.	0.3	2
82	Predictive value of C-reactive protein after drug-eluting stent implantation: an update view. <i>Future Cardiology</i> , 2018, 14, 355-358.	0.5	2
83	Recurrence of angina after ST-segment elevation myocardial infarction: the role of coronary microvascular obstruction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019, , 2048872619880661.	0.4	2
84	Changes in renal function and occurrence of contrast-induced nephropathy after percutaneous coronary interventions in patients with atrial fibrillation treated with non-vitamin K oral anticoagulants or warfarin. <i>Postepy W Kardiologii Interwencyjnej</i> , 2019, 15, 59-67.	0.1	2
85	Takotsubo syndrome and left ventricular non-compaction cardiomyopathy: Casualty or causality?. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 218, 64-67.	1.4	2
86	Aspirin in primary prevention of cardiovascular disease in the elderly. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020, 6, 326-327.	1.4	2
87	Redefining residual inflammatory risk after acute coronary syndrome. <i>Future Cardiology</i> , 2022, 18, 115-123.	0.5	2
88	MINOCA: current perspectives. <i>Aging</i> , 2018, 10, 3044-3045.	1.4	2
89	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.	1.1	2
90	Response to Letter Regarding Article, "High Levels of Systemic Myeloperoxidase Are Associated With Coronary Plaque Erosion in Patients With Acute Coronary Syndromes: A Clinicopathological Study". <i>Circulation</i> , 2011, 124, .	1.6	1

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91	Access route for coronary chronic total occlusion: femoral or radial approach?. <i>Interventional Cardiology</i> , 2013, 5, 485-488.	0.0	1
92	Neoatherosclerosis: a novel player in late stent failure. <i>Interventional Cardiology</i> , 2014, 6, 217-225.	0.0	1
93	Evolving management of patients treated by drug-eluting stent: Prevention of late events. <i>Cardiovascular Revascularization Medicine</i> , 2014, 15, 100-108.	0.3	1
94	Prognostic role of multiple biomarkers in stable patients undergoing fractional flow reserve-guided coronary angioplasty. <i>Journal of Cardiovascular Medicine</i> , 2016, 17, 687-693.	0.6	1
95	Microvascular obstruction is an independent predictor of major adverse cardiovascular events in latecomers after ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2017, 243, 109.	0.8	1
96	Reconsidering aetiologies of type 2 myocardial infarction: when a classification is a simplistic approach for a complex reality. <i>European Heart Journal</i> , 2018, 39, 3826-3826.	1.0	1
97	Recurrent asymptomatic Takotsubo syndrome after 20 years: are we looking at the tip of the iceberg only?. <i>Future Cardiology</i> , 2021, 17, 309-314.	0.5	1
98	Predictors of fractional flow reserve/instantaneous wave-free ratio discordance. <i>Journal of Cardiovascular Medicine</i> , 2021, Publish Ahead of Print, 106-115.	0.6	1
99	Carotid bruits and cardiovascular death or myocardial infarction. <i>Lancet, The</i> , 2008, 372, 534.	6.3	0
100	Accuracy of OCT in Evaluating Neointimal Thickness After Stent Implantation. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 669.	2.3	0
101	Letter by Montone et al Regarding Article, "Atrial Fibrillation: Outpatient Presentation and Management". <i>Circulation</i> , 2012, 125, e318; author reply e319.	1.6	0
102	Coronary In-Stent Restenosis in Patients Treated With Thoracic External Beam Radiation for Cancer. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 641.	1.1	0
103	Outcomes After Transcatheter Aortic Valve Replacement With Balloon-Expandable Versus Self-Expandable Valves. <i>Journal of the American College of Cardiology</i> , 2016, 67, 235-236.	1.2	0
104	Percutaneous treatment of an iatrogenic pseudoaneurism of the aortic Valsalva sinus. <i>European Heart Journal</i> , 2018, 39, ehw661.	1.0	0
105	The coronary sinus Reducer device for refractory chronic angina: rationale, clinical evidence and future perspectives. <i>Expert Review of Medical Devices</i> , 2018, 15, 611-613.	1.4	0
106	Epidemiology of Coronary Microvascular Obstruction. , 2018, , 53-68.		0
107	Response by Montone et al to Letter Regarding Article, "Optimized Treatment of ST-Elevation Myocardial Infarction". <i>Circulation Research</i> , 2019, 125, e30.	2.0	0
108	154...Recurrence of angina after ST-elevation myocardial infarction: the role of microvascular obstruction. , 2019, , .		0

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109	Bioresorbable vascular scaffolds: between promises and reality. <i>Oncotarget</i> , 2017, 8, 69202-69203.	0.8	0
110	Does prior percutaneous coronary intervention influence the outcome of coronary artery bypass grafting? One size does not fit all. <i>Kardiologia Polska</i> , 2018, 76, 933-934.	0.3	0
111	Editorial: MINOCA: Pathogenesis, Diagnosis, Clinical Management and Evolution Towards Precision Medicine. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	0