

Marcos Garca-Guimaraes

List of Publications by Year in Descending Order

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Version: 2024-04-27

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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.

79
papers

437
citations

11
h-index

17
g-index

89
ext. papers

679
ext. citations

3.5
avg, IF

3.71
L-index

#	Paper	IF	Citations
79	Influence of air pollutants on circulating inflammatory cells and microRNA expression in acute myocardial infarction.. <i>Scientific Reports</i> , 2022 , 12, 5350	4.9	1
78	Characteristics, Acute Results, and Prognostic Impact of Percutaneous Coronary Interventions in Spontaneous Coronary Artery Dissection (from the Prospective Spanish Registry on SCAD [SR-SCAD]).. <i>American Journal of Cardiology</i> , 2022 ,	3	0
77	Spontaneous coronary artery dissection in old patients: clinical features, angiographic findings, management and outcome. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021 , 10, 926-932	4.3	
76	Prevalence and Disease Spectrum of Extracoronary Arterial Abnormalities in Spontaneous Coronary Artery Dissection. <i>JAMA Cardiology</i> , 2021 ,	16.2	4
75	Scoring balloon predilation before bioresorbable vascular scaffold implantation in patients with in-stent restenosis: the RIBS VI Scoring Vstudy. <i>Coronary Artery Disease</i> , 2021 , 32, 96-104	1.4	1
74	Spontaneous coronary artery dissection and Takotsubo syndrome: comparison of baseline clinical and angiographic characteristics and in-hospital outcomes. <i>Coronary Artery Disease</i> , 2021 , 32, 509-516	1.4	1
73	Differential miRNAs in acute spontaneous coronary artery dissection: Pathophysiological insights from a potential biomarker. <i>EBioMedicine</i> , 2021 , 66, 103338	8.8	3
72	Clinical implications of arterial hypertension in patients with spontaneous coronary artery dissection. <i>Coronary Artery Disease</i> , 2021 ,	1.4	2
71	Risks and benefits of percutaneous coronary intervention in spontaneous coronary artery dissection. <i>Heart</i> , 2021 , 107, 1398-1406	5.1	5
70	Coronary microvascular dysfunction assessed by continuous intracoronary thermodilution: A comparative study with index of microvascular resistance. <i>International Journal of Cardiology</i> , 2021 , 333, 1-7	3.2	1
69	Spontaneous Coronary Artery Dissection and Menopause. <i>American Journal of Cardiology</i> , 2021 , 148, 53-59	3	2
68	Spontaneous coronary artery dissection in Spain: clinical and angiographic characteristics, management, and in-hospital events. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021 , 74, 15-23	0.7	5
67	Disecci3 coronaria espont3nea en Espa3: caracter3ticas cl3nicas y angiogr3ficas, tratamiento y evoluci3 hospitalaria. <i>Revista Espanola De Cardiologia</i> , 2021 , 74, 15-23	1.5	15
66	Transcatheter aortic valve replacement using the new Evolut-Pro system: a prospective comparison with the Evolut-R device. <i>Journal of Thoracic Disease</i> , 2021 , 13, 4023-4032	2.6	1
65	Clinical outcomes by optical characteristics of neointima and treatment modality in patients with coronary in-stent restenosis. <i>EuroIntervention</i> , 2021 , 17, e388-e395	3.1	5
64	Letter: Spontaneous coronary artery dissection in France. <i>EuroIntervention</i> , 2021 , 17, 525	3.1	1
63	Disecci3 coronaria espont3nea: ¿d3nde estamos?. <i>Medicina Intensiva</i> , 2021 , 45, 371-374	1.2	

62	Antithrombotic strategies in elderly patients with atrial fibrillation revascularized with drug-eluting stents: PACO-PCI (EPIC-15) registry. <i>International Journal of Cardiology</i> , 2021 , 338, 63-71	3.2	1
61	Coronary Aneurysms After Magnesium Resorbable Vascular Scaffolds: "The Dissolving Scaffold Follows the Vessel Wall". <i>Cardiovascular Revascularization Medicine</i> , 2020 , 21, 162-164	1.6	
60	Correlation between fractional flow reserve and instantaneous wave-free ratio with morphometric assessment by optical coherence tomography in diabetic patients. <i>International Journal of Cardiovascular Imaging</i> , 2020 , 36, 1193-1201	2.5	1
59	Spontaneous Coronary Artery Dissection: Mechanisms, Diagnosis and Management. <i>European Cardiology Review</i> , 2020 , 15, 1-8	3.9	11
58	Holistic treatment of heavily calcified coronary lesions: Lithoplasty guidance by optical coherence tomography. <i>Coronary Artery Disease</i> , 2020 , 31, 748-749	1.4	1
57	Percutaneous treatment of spontaneous coronary artery dissection using bioresorbable magnesium scaffolds. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2020 , 73, 91-92	0.7	
56	High-Definition IVUS Versus OCT to Assess Coronary Artery Disease and Results of Stent Implantation. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 519-521	8.4	7
55	Treatment of In-Stent Restenosis: When the Stent Is No Longer There. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, e53-e55	5	2
54	Can Plaque Erosion Be Visualized by High-Definition Intravascular Ultrasound?. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, e57-e61	5	2
53	Tratamiento percutáneo de disección coronaria espontánea mediante dispositivos bioabsorbibles de magnesio. <i>Revista Espanola De Cardiologia</i> , 2020 , 73, 91-92	1.5	
52	Characteristic findings of acute spontaneous coronary artery dissection by cardiac computed tomography. <i>Coronary Artery Disease</i> , 2020 , 31, 293-299	1.4	7
51	Isolated septal branch lesion as the only diagnostic clue for spontaneous coronary artery dissection. <i>Coronary Artery Disease</i> , 2020 , 31, 98-99	1.4	1
50	Chronic infarct size after spontaneous coronary artery dissection: implications for pathophysiology and clinical management. <i>European Heart Journal</i> , 2020 , 41, 2197-2205	9.5	15
49	Prolonged QT Interval in SARS-CoV-2 Infection: Prevalence and Prognosis. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	15
48	Spontaneous coronary artery dissection: no longer a rare disease. <i>European Heart Journal</i> , 2019 , 40, 1198-1201	9.3	15
47	Spontaneous Coronary Artery Dissection: Pathophysiological Insights From Optical Coherence Tomography. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2475-2488	8.4	40
46	Calcified neoatherosclerosis causing in-stent restenosis: prevalence, predictors, and implications. <i>Coronary Artery Disease</i> , 2019 , 30, 1-8	1.4	9
45	Qualitative and quantitative neointimal characterization by optical coherence tomography in patients presenting with in-stent restenosis. <i>Clinical Research in Cardiology</i> , 2019 , 108, 1059-1068	6.1	8

44	Spontaneous Healing in Spontaneous Coronary Artery Dissection: An Angiographic Paradox?. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 1088	5	0
43	"Bumpy" neointima: the fingerprint of bioabsorbable magnesium scaffold resorption. <i>EuroIntervention</i> , 2019 , 15, e380-e381	3.1	7
42	Coronary Lithoplasty for the Treatment of Undilatable Calcified De Novo and In-Stent Restenosis Lesions. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 497-499	5	21
41	Optical coherence tomography-guided percutaneous coronary intervention in a patient with chronic kidney disease using zero contrast administration. <i>Coronary Artery Disease</i> , 2019 , 30, 156-157	1.4	1
40	Letter by Alfonso et al Regarding Article, "The Early Natural History of Spontaneous Coronary Artery Dissection". <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007464	6	
39	Early restenosis of resorbable magnesium scaffolds: Optical coherence tomography findings. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, 79-81	2.7	7
38	Bioresorbable Vascular Scaffold Thrombosis: Clinical and Optical Coherence Tomography Findings. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019 , 72, 90-91	0.7	
37	Trombosis de armaz� vascular bioabsorbible: hallazgos cl�nicos y por tomograf� de coherencia �tica. <i>Revista Espanola De Cardiologia</i> , 2019 , 72, 90-91	1.5	0
36	Volumetric Quantification of Coronary Flow by Using a Monorail Infusion Catheter: Initial Experience. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018 , 71, 1082-1084	0.7	1
35	Cuantificaci� volum�trica de flujo coronario mediante cat�ter de infusi� monorra� experiencia inicial. <i>Revista Espanola De Cardiologia</i> , 2018 , 71, 1082-1084	1.5	3
34	Bioresorbable vascular scaffold restenosis treated with sirolimus-eluting balloon: Optical coherence tomography findings. <i>Revista Portuguesa De Cardiologia</i> , 2018 , 37, 359-360	1	
33	First in human: imaging guided bioresorbable magnesium scaffolds in acute myocardial infarction. <i>Coronary Artery Disease</i> , 2018 , 29, 441-443	1.4	
32	High-definition Intravascular Ultrasound Vs Optical Coherence Tomography: Preliminary Experience. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018 , 71, 119-120	0.7	2
31	Ecograf� intravascular de alta definici� frente a tomograf� de coherencia �tica: experiencia inicial. <i>Revista Espanola De Cardiologia</i> , 2018 , 71, 119-120	1.5	
30	Automatic multiscale vascular image segmentation algorithm for coronary angiography. <i>Biomedical Signal Processing and Control</i> , 2018 , 46, 1-9	4.9	3
29	Hybrid percutaneous treatment of iatrogenic coronary artery dissection complicating a spontaneous coronary artery dissection. <i>EuroIntervention</i> , 2018 , 14, e1038-e1039	3.1	2
28	Spontaneous coronary artery dissection: from expert consensus statements to evidence-based medicine. <i>Journal of Thoracic Disease</i> , 2018 , 10, 4602-4608	2.6	8
27	Treatment of patients with restenosis of drug-eluting stents. <i>American Heart Journal</i> , 2018 , 205, 158	4.9	

26	Multifaceted Presentation of Recurrent Spontaneous Coronary Artery Dissection: Angiography and Optical Coherence Tomography Findings. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10, e004696	6	4
25	Time-Related Microcirculatory Dysfunction in Patients With Takotsubo Cardiomyopathy. <i>JAMA Cardiology</i> , 2017 , 2, 699-700	16.2	18
24	Optical Coherence Tomography Findings in Patients With Stent Thrombosis. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017 , 70, 1050-1058	0.7	1
23	Coronary artery aneurysm formation following implantation of a bioresorbable vascular scaffold for in-stent restenosis. <i>Revista Portuguesa De Cardiologia</i> , 2017 , 36, 473.e1-473.e4	1	1
22	Diagnostic accuracy of a hybrid approach of instantaneous wave-free ratio and fractional flow reserve using high-dose intracoronary adenosine to characterize intermediate coronary lesions: Results of the PALS (Practical Assessment of Lesion Severity) prospective study. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 90, 1070-1076	2.7	6
21	Reestenosis de dispositivos coronarios bioabsorbibles. <i>Revista Espanola De Cardiologia</i> , 2017 , 70, 527-531.5	5	5
20	Bioresorbable Vascular Scaffolds for Patients With In-Stent Restenosis: The RIBS VI Study. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 1841-1851	5	21
19	Treatment options for stent restenosis: insights from intracoronary imaging, clinical trials, and registries. <i>Coronary Artery Disease</i> , 2017 , 28, 507-517	1.4	1
18	Optical Coherence Tomography Findings in Patients With Recanalized Coronary Thrombi Treated With Bioresorbable Vascular Scaffolds. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	0
17	Tomografía de coherencia óptica de pacientes con trombosis del stent. <i>Revista Espanola De Cardiologia</i> , 2017 , 70, 1050-1058	1.5	8
16	Current management of spontaneous coronary artery dissection. <i>Expert Review of Cardiovascular Therapy</i> , 2017 , 15, 619-628	2.5	6
15	Treatment of coronary stent restenosis with drug-eluting bioabsorbable magnesium scaffolds. <i>Coronary Artery Disease</i> , 2017 , 28, 627-628	1.4	3
14	Intracoronary Bubbles: Iatrogenic Air Embolism Assessed With Optical Coherence Tomography. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, e153-e154	5	1
13	Drug-eluting balloons in coronary interventions: the quiet revolution?. <i>Expert Opinion on Drug Delivery</i> , 2017 , 14, 841-850	8	6
12	Reliability of physiological assessment of coronary stenosis severity using intracoronary pressure techniques: a comprehensive analysis from a large cohort of consecutive intermediate coronary lesions. <i>EuroIntervention</i> , 2017 , 13, e193-e200	3.1	4
11	Iatrogenic coronary artery dissection induced during invasive absolute coronary blood flow measurement: optical coherence tomography findings. <i>EuroIntervention</i> , 2017 , 13, 364-365	3.1	4
10	Delayed fracture of a bioresorbable vascular scaffold implanted for in-stent restenosis. <i>EuroIntervention</i> , 2017 , 12, 1643	3.1	1
9	Mother-and-child catheter-facilitated optical coherence tomography: A novel approach to improve intracoronary imaging. <i>Cardiology Journal</i> , 2016 , 23, 647-651	1.4	1

8	Bioresorbable vascular scaffolds for recurrent in-stent restenosis. <i>EuroIntervention</i> , 2016 , 11, 1448	3.1	
7	Bioresorbable vascular scaffolds in patients with acute myocardial infarction: a new step forward to optimized reperfusion?. <i>Journal of Thoracic Disease</i> , 2016 , 8, E417-23	2.6	6
6	Spontaneous coronary artery dissection: new insights into diagnosis and treatment. <i>Coronary Artery Disease</i> , 2016 , 27, 696-706	1.4	44
5	Coronary Pleating Mimicking Coronary Ruptures, Dissections, and Thrombi on Optical Coherence Tomography. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9, e003654	6	1
4	Current role of cardiac imaging to guide surgical correction of a giant left ventricular pseudoaneurysm. <i>International Journal of Cardiology</i> , 2015 , 198, 152-3	3.2	0
3	Comparison of the performance of the CRUSADE, ACUITY-HORIZONS, and ACTION bleeding risk scores in STEMI undergoing primary PCI: insights from a cohort of 1391 patients. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2013 , 2, 19-26	4.3	28
2	Long-term prognostic benefit of field triage and direct transfer of patients with ST-segment elevation myocardial infarction treated by primary percutaneous coronary intervention. <i>American Journal of Cardiology</i> , 2013 , 111, 1721-6	3	8
1	Image of a chronic recanalized thrombus by intracoronary imaging: intravascular ultrasound and optical coherence tomography analysis. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, e33-4	5	4