Marcos GarcÃ-a-Guimaraes

List of Publications by Year
in descending order

85 papers	920 citations	516561 16 h-index	580701 25 g-index
89 all docs	89 docs citations	89 times ranked	1162 citing authors

#	Article	IF	Citations
1	Clinical implications of arterial hypertension in patients with spontaneous coronary artery dissection. Coronary Artery Disease, 2022, 33, 75-80.	0.3	9
2	Prevalence and Disease Spectrum of Extracoronary Arterial Abnormalities in Spontaneous Coronary Artery Dissection. JAMA Cardiology, 2022, 7, 159.	3.0	18
3	Influence of air pollutants on circulating inflammatory cells and microRNA expression in acute myocardial infarction. Scientific Reports, 2022, 12, 5350.	1.6	8
4	Characteristics, Acute Results, and Prognostic Impact of Percutaneous Coronary Interventions in Spontaneous Coronary Artery Dissection (from the Prospective Spanish Registry on SCAD [SR-SCAD]). American Journal of Cardiology, 2022, 171, 177-178.	0.7	4
5	Clinical outcomes in spontaneous coronary artery dissection. Heart, 2022, 108, 1530-1538.	1.2	19
6	Pregnancy and Spontaneous Coronary Artery Dissection: Lessons From Survivors and Nonsurvivors. Circulation, 2022, 146, 69-72.	1.6	7
7	DisecciÃ³n coronaria espontÃ¡nea en EspaÃ±a: un estudio sobre bases administrativas realizado a partir del Conjunto MÃnimo BÃ¡sico de Datos espaÃ±ol. Revista Espanola De Cardiologia (English Ed), 2022, , .	0.4	0
8	Spontaneous coronary artery dissection in Spain: clinical and angiographic characteristics, management, and in-hospital events. Revista Espanola De Cardiologia (English Ed), 2021, 74, 15-23.	0.4	23
9	Left Atrial Appendage Closure with a New Occluder Device: Efficacy, Safety and Mid-Term Performance. Journal of Clinical Medicine, 2021, 10, 1421.	1.0	1
10	Differential miRNAs in acute spontaneous coronary artery dissection: Pathophysiological insights from a potential biomarker. EBioMedicine, 2021, 66, 103338.	2.7	10
11	Risks and benefits of percutaneous coronary intervention in spontaneous coronary artery dissection. Heart, 2021, 107, 1398-1406.	1.2	35
12	Coronary microvascular dysfunction assessed by continuous intracoronary thermodilution: A comparative study with index of microvascular resistance. International Journal of Cardiology, 2021, 333, 1-7.	0.8	12
13	Spontaneous Coronary Artery Dissection and Menopause. American Journal of Cardiology, 2021, 148, 53-59.	0.7	14
14	Transcatheter aortic valve replacement using the new Evolut-Pro system: a prospective comparison with the Evolut-R device. Journal of Thoracic Disease, 2021, 13, 4023-4032.	0.6	7
15	Clinical outcomes by optical characteristics of neointima and treatment modality in patients with coronary in-stent restenosis. EuroIntervention, 2021, 17, e388-e395.	1.4	16
16	Letter: Spontaneous coronary artery dissection in France. EuroIntervention, 2021, 17, 525.	1.4	1
17	DisecciÃ³n coronaria espontÃ¡nea: Â¿dÃ³nde estamos?. Medicina Intensiva, 2021, 45, 371-374.	0.4	1
18	Antithrombotic strategies in elderly patients with atrial fibrillation revascularized with drug-eluting stents: PACO-PCI (EPIC-15) registry. International Journal of Cardiology, 2021, 338, 63-71.	0.8	7

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19	Spontaneous coronary artery dissection and Takotsubo syndrome: comparison of baseline clinical and angiographic characteristics and in-hospital outcomes. Coronary Artery Disease, 2021, 32, 509-516.	0.3	4
20	Scoring balloon predilation before bioresorbable vascular scaffold implantation in patients with in-stent restenosis: the RIBS VI â€˜scoringâ€™ study. Coronary Artery Disease, 2021, 32, 96-104.	0.3	1
21	Spontaneous coronary artery dissection in old patients: clinical features, angiographic findings, management and outcome. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 926-932.	0.4	4
22	Percutaneous treatment of spontaneous coronary artery dissection using bioresorbable magnesium scaffolds. Revista Espanola De Cardiologia (English Ed), 2020, 73, 91-92.	0.4	0
23	High-Definition IVUS Versus OCT to Assess Coronary Artery Disease and Results of Stent Implantation. JACC: Cardiovascular Imaging, 2020, 13, 519-521.	2.3	15
24	Treatment of In-Stent Restenosis. JACC: Cardiovascular Interventions, 2020, 13, e53-e55.	1.1	2
25	Can Plaque Erosion Be Visualized by High-Definition Intravascular Ultrasound?. JACC: Cardiovascular Interventions, 2020, 13, e57-e61.	1.1	2
26	Tratamiento percutÃ¡neo de disecciÃ³n coronaria espontÃ¡nea mediante dispositivos bioabsorbibles de magnesio. Revista Espanola De Cardiologia, 2020, 73, 91-92.	0.6	1
27	Characteristic findings of acute spontaneous coronary artery dissection by cardiac computed tomography. Coronary Artery Disease, 2020, 31, 293-299.	0.3	22
28	Isolated septal branch lesion as the only diagnostic clue for spontaneous coronary artery dissection. Coronary Artery Disease, 2020, 31, 98-99.	0.3	1
29	Chronic infarct size after spontaneous coronary artery dissection: implications for pathophysiology and clinical management. European Heart Journal, 2020, 41, 2197-2205.	1.0	35
30	Prolonged QT Interval in SARS-CoV-2 Infection: Prevalence and Prognosis. Journal of Clinical Medicine, 2020, 9, 2712.	1.0	27
31	Spontaneous Coronary Artery Dissection Extension and Recurrences. JACC: Cardiovascular Interventions, 2020, 13, 933-937.	1.1	5
32	Coronary Aneurysms After Magnesium Resorbable Vascular Scaffolds: â€œThe Dissolving Scaffold Follows the Vessel Wallâ€• Cardiovascular Revascularization Medicine, 2020, 21, 162-164.	0.3	1
33	Correlation between fractional flow reserve and instantaneous wave-free ratio with morphometric assessment by optical coherence tomography in diabetic patients. International Journal of Cardiovascular Imaging, 2020, 36, 1193-1201.	0.7	6
34	Spontaneous Coronary Artery Dissection: Mechanisms, Diagnosis and Management. European Cardiology Review, 2020, 15, 1-8.	0.7	34
35	Holistic treatment of heavily calcified coronary lesions: Lithoplasty guidance by optical coherence tomography. Coronary Artery Disease, 2020, 31, 748-749.	0.3	1
36	Spontaneous Healing in Spontaneous Coronary Artery Dissection. JACC: Cardiovascular Interventions, 2019, 12, 1088.	1.1	2

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37	Spontaneous coronary artery dissection: no longer a rare disease. European Heart Journal, 2019, 40, 1198-1201.	1.0	23
38	Spontaneous Coronary Artery Dissection. JACC: Cardiovascular Imaging, 2019, 12, 2475-2488.	2.3	88
39	Calcified neoatherosclerosis causing in-stent restenosis. Coronary Artery Disease, 2019, 30, 1-8.	0.3	18
40	Qualitative and quantitative neointimal characterization by optical coherence tomography in patients presenting with in-stent restenosis. Clinical Research in Cardiology, 2019, 108, 1059-1068.	1.5	13
41	Coronary Lithoplasty for the Treatment ofÂUndilatable Calcified De Novo and In-Stent Restenosis Lesions. JACC: Cardiovascular Interventions, 2019, 12, 497-499.	1.1	35
42	Optical coherence tomography-guided percutaneous coronary intervention in a patient with chronic kidney disease using zero contrast administration. Coronary Artery Disease, 2019, 30, 156-157.	0.3	1
43	Letter by Alfonso et al Regarding Article, â€œThe Early Natural History of Spontaneous Coronary Artery Dissectionâ€• Circulation: Cardiovascular Interventions, 2019, 12, e007464.	1.4	0
44	Early restenosis of resorbable magnesium scaffolds: Optical coherence tomography findings. Catheterization and Cardiovascular Interventions, 2019, 93, 79-81.	0.7	9
45	Bioresorbable Vascular Scaffold Thrombosis: Clinical and Optical Coherence Tomography Findings. Revista Espanola De Cardiologia (English Ed), 2019, 72, 90-91.	0.4	0
46	Trombosis de armazÃ³n vascular bioabsorbible: hallazgos clÃnicos y por tomografÃa de coherencia Ã³ptica. Revista Espanola De Cardiologia, 2019, 72, 90-91.	0.6	1
47	â€œBumpyâ€•neointima: the fingerprint of bioabsorbable magnesium scaffold resorption. EuroIntervention, 2019, 15, e380-e381.	1.4	8
48	Volumetric Quantification of Coronary Flow by Using a Monorail Infusion Catheter: Initial Experience. Revista Espanola De Cardiologia (English Ed), 2018, 71, 1082-1084.	0.4	2
49	CuantificaciÃ³n volumÃ©trica de flujo coronario mediante catÃ©ter de infusiÃ³n monorraÃl: experiencia inicial. Revista Espanola De Cardiologia, 2018, 71, 1082-1084.	0.6	3
50	Bioresorbable vascular scaffold restenosis treated with sirolimus-eluting balloon: Optical coherence tomography findings. Revista Portuguesa De Cardiologia, 2018, 37, 359-360.	0.2	0
51	First in human. Coronary Artery Disease, 2018, 29, 441-443.	0.3	0
52	High-definition Intravascular Ultrasound Vs Optical Coherence Tomography: Preliminary Experience. Revista Espanola De Cardiologia (English Ed), 2018, 71, 119-120.	0.4	2
53	EcografÃa intravascular de alta definiciÃ³n frenteÂaÂtomografÃa deÂcoherencia Ã³ptica: experiencia inicial. Revista Espanola De Cardiologia, 2018, 71, 119-120.	0.6	0
54	Spontaneous coronary artery dissection: from expert consensus statements to evidence-based medicine. Journal of Thoracic Disease, 2018, 10, 4602-4608.	0.6	11

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55	Treatment of patients with restenosis of drug-eluting stents. American Heart Journal, 2018, 205, 158.	1.2	0
56	Automatic multiscale vascular image segmentation algorithm for coronary angiography. Biomedical Signal Processing and Control, 2018, 46, 1-9.	3.5	17
57	Hybrid percutaneous treatment of iatrogenic coronary artery dissection complicating a spontaneous coronary artery dissection. EuroIntervention, 2018, 14, e1038-e1039.	1.4	3
58	Multifaceted Presentation of Recurrent Spontaneous Coronary Artery Dissection. Circulation: Cardiovascular Interventions, 2017, 10, e004696.	1.4	4
59	Time-Related Microcirculatory Dysfunction in Patients With Takotsubo Cardiomyopathy. JAMA Cardiology, 2017, 2, 699.	3.0	32
60	Optical Coherence Tomography Findings in Patients With Stent Thrombosis. Revista Espanola De Cardiologia (English Ed), 2017, 70, 1050-1058.	0.4	4
61	Coronary artery aneurysm formation following implantation of a bioresorbable vascular scaffold for in-stent restenosis. Revista Portuguesa De Cardiologia, 2017, 36, 473.e1-473.e4.	0.2	1
62	Diagnostic accuracy of a hybrid approach of instantaneous waveâ€free ratio and fractional flow reserve using highâ€dose intracoronary adenosine to characterize intermediate coronary lesions: Results of the PALS (Practical Assessment of Lesion Severity) prospective study. Catheterization and Cardiovascular Interventions, 2017, 90, 1070-1076.	0.7	11
63	Restenosis of Coronary Bioresorbable Vascular Scaffolds. Revista Espanola De Cardiologia (English) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	4
64	Reestenosis de dispositivos coronarios bioabsorbibles. Revista Espanola De Cardiologia, 2017, 70, 527-531.	0.6	6
65	Bioresorbable Vascular Scaffolds for Patients With In-Stent Restenosis. JACC: Cardiovascular Interventions, 2017, 10, 1841-1851.	1.1	25
66	Treatment options for stent restenosis. Coronary Artery Disease, 2017, 28, 507-517.	0.3	2
67	Optical Coherence Tomography Findings in Patients With Recanalized Coronary Thrombi Treated With Bioresorbable Vascular Scaffolds. Circulation: Cardiovascular Interventions, 2017, 10, .	1.4	1
68	TomografÃa de coherencia Ã³ptica de pacientes con trombosis del stent. Revista Espanola De Cardiologia, 2017, 70, 1050-1058.	0.6	13
69	Current management of spontaneous coronary artery dissection. Expert Review of Cardiovascular Therapy, 2017, 15, 619-628.	0.6	6
70	Treatment of coronary stent restenosis with drug-eluting bioabsorbable magnesium scaffolds. Coronary Artery Disease, 2017, 28, 627-628.	0.3	4
71	Intracoronary Bubbles. JACC: Cardiovascular Interventions, 2017, 10, e153-e154.	1.1	2
72	Drug-eluting balloons in coronary interventions: the quiet revolution?. Expert Opinion on Drug Delivery, 2017, 14, 841-850.	2.4	9

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73	Reliability of physiological assessment of coronary stenosis severity using intracoronary pressure techniques: a comprehensive analysis from a large cohort of consecutive intermediate coronary lesions. EuroIntervention, 2017, 13, e193-e200.	1.4	5
74	Iatrogenic coronary artery dissection induced during invasive absolute coronary blood flow measurement: optical coherence tomography findings. EuroIntervention, 2017, 13, 364-365.	1.4	4
75	Delayed fracture of a bioresorbable vascular scaffold implanted for in-stent restenosis. EuroIntervention, 2017, 12, 1643-1643.	1.4	1
76	Bioresorbable vascular scaffolds in patients with acute myocardial infarction: a new step forward to optimized reperfusion?. Journal of Thoracic Disease, 2016, 8, E417-E423.	0.6	6
77	Optimal Coronary Interventions in Small Vessels. JACC: Cardiovascular Interventions, 2016, 9, 1335-1337.	1.1	9
78	Spontaneous coronary artery dissection. Coronary Artery Disease, 2016, 27, 696-706.	0.3	58
79	Coronary Pleating Mimicking Coronary Ruptures, Dissections, and Thrombi on Optical Coherence Tomography. Circulation: Cardiovascular Interventions, 2016, 9, e003654.	1.4	1
80	Mother-and-child catheter-facilitated optical coherence tomography: A novel approach to improve intracoronary imaging. Cardiology Journal, 2016, 23, 647-651.	0.5	4
81	Bioresorbable vascular scaffolds for recurrent in-stent restenosis. EuroIntervention, 2016, 11, 1448-1448.	1.4	0
82	Current role of cardiac imaging to guide surgical correction of a giant left ventricular pseudoaneurysm. International Journal of Cardiology, 2015, 198, 152-153.	0.8	3
83	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. European Heart Journal: Acute Cardiovascular Care, 2013, 2, 19-26.	0.4	38
84	Long-Term Prognostic Benefit of Field Triage and Direct Transfer of Patients With ST-Segment Elevation Myocardial Infarction Treated by Primary Percutaneous Coronary Intervention. American Journal of Cardiology, 2013, 111, 1721-1726.	0.7	9
85	Image of a Chronic Recanalized Thrombus by Intracoronary Imaging. JACC: Cardiovascular Interventions, 2012, 5, e33-e34.	1.1	4