

Nieves Gonzalo

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

6,275
citations

172457

29
h-index

66911

78
g-index

108
all docs

108
docs citations

108
times ranked

5012
citing authors

#	ARTICLE	IF	CITATIONS
1	Five-year outcomes after state-of-the-art percutaneous coronary revascularization in patients with <i>de novo</i> three-vessel disease: final results of the SYNTAX II study. <i>European Heart Journal</i> , 2022, 43, 1307-1316.	2.2	54
2	Safety of coronary revascularization deferral based on fractional flow reserve and instantaneous wave-free ratio in patients with chronic kidney disease. <i>Cardiology Journal</i> , 2022, 29, 553-562.	1.2	2
3	Association between patient age, microcirculation, and coronary stenosis assessment with fractional flow reserve and instantaneous wave-free ratio. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1104-1114.	1.7	3
4	Incidence, clinical impact and predictors of thrombocytopenia after transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2022, , .	1.7	2
5	Optical coherence tomography in coronary atherosclerosis assessment and intervention. <i>Nature Reviews Cardiology</i> , 2022, 19, 684-703.	13.7	106
6	Coronary lithotripsy for the treatment of underexpanded stents: the international multicentre CRUNCH registry. <i>EuroIntervention</i> , 2022, 18, 574-581.	3.2	28
7	Transcatheter versus surgical aortic valve replacement in patients with morbid obesity: a multicentre propensity score-matched analysis. <i>EuroIntervention</i> , 2022, 18, e417-e427.	3.2	4
8	Development of atrioventricular and intraventricular conduction disturbances in patients undergoing transcatheter aortic valve replacement with new generation self-expanding valves: A real world multicenter analysis. <i>International Journal of Cardiology</i> , 2022, 362, 128-136.	1.7	5
9	Anatomical and functional healing after resorbable magnesium scaffold implantation in human coronary vessels: A combined optical coherence tomography and quantitative flow ratio analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 1038-1046.	1.7	2
10	Dose-reducing fluoroscopic system decreases patient but not occupational radiation exposure in chronic total occlusion intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 895-902.	1.7	8
11	Influence of neoatherosclerosis on prognosis and treatment response in patients with in-stent restenosis. <i>Revista Espanola De Cardiología (English Ed)</i> , 2021, 74, 427-435.	0.6	3
12	Performance of the heart team approach in daily clinical practice in high-risk patients with aortic stenosis. <i>Journal of Cardiac Surgery</i> , 2021, 36, 31-39.	0.7	5
13	High filtration in interventional practices reduces patient radiation doses but not always scatter radiation doses. <i>British Journal of Radiology</i> , 2021, 94, 20200774.	2.2	8
14	The year in cardiovascular medicine 2020: interventional cardiology. <i>European Heart Journal</i> , 2021, 42, 985-1003.	2.2	13
15	Clinical Profile and 30-Day Mortality of Invasively Managed Patients with Suspected Acute Coronary Syndrome During the COVID-19 Outbreak. <i>International Heart Journal</i> , 2021, 62, 274-281.	1.0	12
16	Early coronary healing in ST segment elevation myocardial infarction. <i>Coronary Artery Disease</i> , 2021, Publish Ahead of Print, 673-680.	0.7	3
17	Choice of CTO scores to predict procedural success in clinical practice. A comparison of 4 different CTO PCI scores in a comprehensive national registry including expert and learning CTO operators. <i>PLoS ONE</i> , 2021, 16, e0245898.	2.5	10
18	Percutaneous mitral valve repair with <sc>MitraClip</sc> device in hemodynamically unstable patients: A systematic review. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E617-E625.	1.7	6

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19	Influencia de la neoateroesclerosis en el pronóstico y la respuesta al tratamiento de los pacientes con reestenosis en el stent. Revista Espanola De Cardiologia, 2021, 74, 427-435.	1.2	3
20	Impact of delirium in acute cardiac care unit after transcatheter aortic valve replacement. International Journal of Cardiology, 2021, 330, 164-170.	1.7	8
21	Long-term outcomes after deferral of revascularization of in-stent restenosis using fractional flow reserve. Catheterization and Cardiovascular Interventions, 2021, , .	1.7	1
22	Online coregistration of intravascular ultrasound and optical coherence tomography. Minerva Cardiology and Angiology, 2021, 69, 641-654.	0.7	3
23	The complex relationship between geometrical and functional results of PCI. EuroIntervention, 2021, 17, e100-e102.	3.2	0
24	Plaque modification in calcified chronic total occlusions: the PLACCTON study. Revista Espanola De Cardiologia (English Ed), 2021, 75, 213-213.	0.6	1
25	Global Chronic Total Occlusion Crossing Algorithm. Journal of the American College of Cardiology, 2021, 78, 840-853.	2.8	111
26	Antiplatelet therapy in patients with conservatively managed spontaneous coronary artery dissection from the multicentre DISCO registry. European Heart Journal, 2021, 42, 3161-3171.	2.2	82
27	Pre-dilation and Post-dilation in Transcatheter Aortic Valve Replacement: Indications, Benefits and Risks. Interventional Cardiology Review, 2021, 16, e28.	1.6	10
28	Follow-up evaluation of magnesium bioresorbable stent with computed tomography. Journal of Cardiovascular Computed Tomography, 2020, 14, e75-e77.	1.3	2
29	Comparison of quantitative flow ratio value of left anterior descending and circumflex coronary artery in patients with Takotsubo syndrome. International Journal of Cardiovascular Imaging, 2020, 36, 3-8.	1.5	3
30	Short-term clinical outcomes of percutaneous coronary intervention of unprotected left main coronary disease in cardiogenic shock. Catheterization and Cardiovascular Interventions, 2020, 95, 515-521.	1.7	2
31	Clinical outcomes of patients presenting with spontaneous coronary artery dissection versus takotsubo syndrome: a propensity score analysis. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 694-702.	1.0	4
32	Contemporary use of coronary computed tomography angiography in the planning of percutaneous coronary intervention. International Journal of Cardiovascular Imaging, 2020, 36, 2441-2459.	1.5	9
33	Third-Generation Balloon and Self-Expandable Valves for Aortic Stenosis in Large and Extra-Large Aortic Annuli From the TAVR-LARGE Registry. Circulation: Cardiovascular Interventions, 2020, 13, e009047.	3.9	24
34	Sex Differences in Long-term Outcomes in Patients With Deferred Revascularization Following Fractional Flow Reserve Assessment: International Collaboration Registry of Comprehensive Physiologic Evaluation. Journal of the American Heart Association, 2020, 9, e014458.	3.7	10
35	Non-invasive assessment of endothelial function in patients with spontaneous coronary artery dissection: A case-control study. International Journal of Cardiology, 2020, 316, 40-42.	1.7	17
36	Stent strut thickness and acute vessel injury during percutaneous coronary interventions. Coronary Artery Disease, 2020, Publish Ahead of Print, 382-390.	0.7	2

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37	Magnesium-based bioresorbable scaffolds in STEMI. The quest for the optimal bioresorption balance. EuroIntervention, 2020, 16, e869-e871.	3.2	0
38	Procedural, Functional and Prognostic Outcomes Following Recanalization of Coronary Chronic Total Occlusions. Results of the Iberian Registry. Revista Espanola De Cardiologia (English Ed), 2019, 72, 373-382.	0.6	6
39	Screening of extra-coronary arteriopathy with magnetic resonance angiography in patients with spontaneous coronary artery dissection: a single-centre experience. Cardiovascular Diagnosis and Therapy, 2019, 9, 229-238.	1.7	10
40	Magmarisâ,¢ resorbable magnesium scaffold: state-of-art review. Future Cardiology, 2019, 15, 267-279.	1.2	32
41	Successful Disruption of Massive Calcified Nodules Using Novel Shockwave Intravascular Lithotripsy. Circulation Journal, 2019, 84, 131.	1.6	5
42	Intravascular Lithotripsy in Calcified Coronary Lesions. Circulation: Cardiovascular Interventions, 2019, 12, e008154.	3.9	69
43	Role of Invasive and Non-invasive Imaging Tools in the Diagnosis and Optimal Treatment of Patients with Spontaneous Coronary Artery Dissection. Current Cardiology Reports, 2019, 21, 122.	2.9	2
44	Intracoronary Lithotripsy in PercutaneousÂTreatment of CalcificÂLeftÂMain Coronary Stenoses. JACC: Case Reports, 2019, 1, 46-49.	0.6	2
45	Clinical use of intracoronary imaging. Part 2: acute coronary syndromes, ambiguous coronary angiography findings, and guiding interventional decision-making: an expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. European Heart Journal, 2019, 40, 2566-2584.	2.2	189
46	Undilatable Calcific Coronary Stenosis Causing Stent Underexpansion and LateÂStent Thrombosis. JACC: Cardiovascular Interventions, 2019, 12, 1510-1512.	2.9	12
47	Coronary Microcirculation Downstream Nonâ€Infarctâ€Related Arteries in the Subacute Phase of Myocardial Infarction: Implications for Physiologyâ€Guided Revascularization. Journal of the American Heart Association, 2019, 8, e011534.	3.7	22
48	Spontaneous Coronary Artery Dissection. JACC: Cardiovascular Imaging, 2019, 12, 2475-2488.	5.3	88
49	Acute Coronary Syndrome Caused by Intra-plaque Hemorrhage. Revista Espanola De Cardiologia (English Ed), 2019, 72, 776.	0.6	1
50	Feasibility and Safety of Intracoronary Imaging for Diagnosing Spontaneous Coronary Artery Dissection. JACC: Cardiovascular Imaging, 2019, 12, 763-764.	5.3	14
51	Letter by Macaya et al Regarding Article, â€œEarly Natural History of Spontaneous Coronary Artery Dissectionâ€; Circulation: Cardiovascular Interventions, 2019, 12, e007611.	3.9	0
52	The Pt-Cr everolimus-eluting stent with bioabsorbable polymer in the treatment of patients with acute coronary syndromes. Results from the SYNERGY ACS registry. Cardiovascular Revascularization Medicine, 2019, 20, 705-710.	0.8	5
53	Angiographic characteristics and longâ€term prognostic impact of coronary artery disease in survivors after sudden cardiac arrest with a nonâ€diagnostic electrocardiogram. Catheterization and Cardiovascular Interventions, 2019, 93, 9-15.	1.7	2
54	SÃndrome coronario agudo causado por hemorragia intraplaca. Revista Espanola De Cardiologia, 2019, 72, 776.	1.2	1

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55	Long-term follow-up of spontaneous coronary artery dissection treated with bioresorbable scaffolds. <i>EuroIntervention</i> , 2019, 14, 1403-1405.	3.2	11
56	Selection of the Best of 2017 in Interventional Cardiology: Revolution in the Study of Coronary Physiology and New Parameters. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018, 71, 223-225.	0.6	0
57	Coronary aneurysms in the acute patient: Incidence, characterization and long-term management results. <i>Cardiovascular Revascularization Medicine</i> , 2018, 19, 589-596.	0.8	26
58	Identification of capillary rarefaction using intracoronary wave intensity analysis with resultant prognostic implications for cardiac allograft patients. <i>European Heart Journal</i> , 2018, 39, 1807-1814.	2.2	13
59	Influence of Microcirculatory Dysfunction on Angiography-Based Functional Assessment of Coronary Stenoses. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 741-753.	2.9	90
60	Combined intracoronary 2D-3D optical coherence tomography and intravascular ultrasound imaging in left main severe stent malapposition. <i>Cardiovascular Intervention and Therapeutics</i> , 2018, 33, 288-290.	2.3	0
61	Three- and 6-month optical coherence tomographic surveillance following percutaneous coronary intervention with the Angiolite® drug-eluting stent: The ANCHOR study. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 91, 435-443.	1.7	7
62	IVUS Findings in Late and Very Late Stent Thrombosis. A Comparison Between Bare-metal and Drug-eluting Stents. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018, 71, 335-343.	0.6	8
63	Bifurcation Culprit Lesions in ST-segment Elevation Myocardial Infarction: Procedural Success and 5-year Outcome Compared With Nonbifurcation Lesions. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018, 71, 801-810.	0.6	1
64	The Value of the SYNTAX Score II in Predicting Clinical Outcomes in Patients Undergoing Transcatheter Aortic Valve Implantation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018, 71, 628-637.	0.6	1
65	In Vivo Pathologic Confirmation of Neoatherosclerosis. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018, 71, 291.	0.6	0
66	Spontaneous coronary artery dissection: contemporary aspects of diagnosis and patient management. <i>Open Heart</i> , 2018, 5, e000884.	2.3	49
67	Internal mammary artery graft failure: Clinical features, management, and long-term outcomes. <i>Indian Heart Journal</i> , 2018, 70, S329-S337.	0.5	3
68	Safety of intermediate left main stenosis revascularization deferral based on fractional flow reserve and intravascular ultrasound: A systematic review and meta-regression including 908 deferred left main stenosis from 12 studies. <i>International Journal of Cardiology</i> , 2018, 271, 42-48.	1.7	19
69	Spontaneous coronary artery dissection and aortic dilatation presenting concomitantly: a case report. <i>European Heart Journal - Case Reports</i> , 2018, 2, yty022.	0.6	0
70	Acute coronary syndromes: time to go further. <i>EuroIntervention</i> , 2018, 14, 616-618.	3.2	0
71	Intravascular ultrasound guidance of percutaneous coronary intervention in ostial chronic total occlusions: a description of the technique and procedural results. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 807-813.	1.5	17
72	Protective Effect on the coronary microcirculation of patients with Diabetes by Clopidogrel or Ticagrelor (PREDICT): study rationale and design. A randomized multicenter clinical trial using intracoronary multimodal physiology. <i>Cardiovascular Diabetology</i> , 2017, 16, 68.	6.8	5

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73	Safety and efficacy of drug eluting stents in patients with spontaneous coronary artery dissection. <i>International Journal of Cardiology</i> , 2017, 238, 105-109.	1.7	22
74	Repeated Intracoronary Imaging in Spontaneous Coronary Artery Dissection. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2342.	2.9	2
75	Misleading takotsubo-like syndrome unravelled by intracoronary imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1187.	1.2	3
76	Clinical and hemodynamic results after direct transcatheter aortic valve replacement versus pre-implantation balloon aortic valvuloplasty: A case-matched analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 809-816.	1.7	14
77	Long-term outcome of a spontaneous coronary artery dissection treated with a bioresorbable scaffold. <i>EuroIntervention</i> , 2017, 13, 994-995.	3.2	4
78	Determinants of percutaneous coronary intervention success in repeat chronic total occlusion procedures following an initial failed attempt. <i>World Journal of Cardiology</i> , 2017, 9, 355.	1.5	5
79	New light on second-generation drug-eluting stent restenosis. <i>EuroIntervention</i> , 2017, 13, 265-266.	3.2	1
80	Repetitive vasospasm as a cause of plaque rupture and myocardial infarction. <i>European Heart Journal</i> , 2016, 37, 3619-3619.	2.2	2
81	Incidence, Causes, and Predictors of Early (≤30 Days) and Late Unplanned Hospital Readmissions After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1748-1757.	2.9	110
82	Accuracy of intravascular ultrasound and optical coherence tomography in identifying functionally significant coronary stenosis according to vessel diameter: A meta-analysis of 2,581 patients and 2,807 lesions. <i>American Heart Journal</i> , 2015, 169, 663-673.	2.7	88
83	A Prospective Randomized Trial of Drug-Eluting Balloons Versus Everolimus-Eluting Stents in Patients With In-Stent Restenosis of Drug-Eluting Stents. <i>Journal of the American College of Cardiology</i> , 2015, 66, 23-33.	2.8	253
84	Selected CD133 ⁺ Progenitor Cells to Promote Angiogenesis in Patients With Refractory Angina. <i>Circulation Research</i> , 2014, 115, 950-960.	4.5	63
85	Long-Term Favorable Coronary Healing After Bioresorbable Scaffold Implantation. <i>Journal of the American College of Cardiology</i> , 2014, 64, 2357-2359.	2.8	0
86	A Randomized Comparison of Drug-Eluting Balloon Versus Everolimus-Eluting Stent in Patients With Bare-Metal Stent In-Stent Restenosis. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1378-1386.	2.8	225
87	Combined Use of OCT and IVUS in Spontaneous Coronary Artery Dissection. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 830-832.	5.3	116
88	Combined use of optical coherence tomography and intravascular ultrasound imaging for the evaluation of stent thrombosis. <i>Expert Review of Cardiovascular Therapy</i> , 2013, 11, 5-7.	1.5	0
89	Is the bioresorbable scaffold a sealing device?. <i>Atherosclerosis</i> , 2012, 221, 36-37.	0.8	2
90	Diagnosis of Spontaneous Coronary Artery Dissection by Optical Coherence Tomography. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1073-1079.	2.8	326

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91	Morphometric Assessment of Coronary Stenosis Relevance With Optical Coherence Tomography. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1080-1089.	2.8	190
92	Consensus Standards for Acquisition, Measurement, and Reporting of Intravascular Optical Coherence Tomography Studies. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1058-1072.	2.8	1,530
93	Absorbable stent: focus on clinical applications and benefits. <i>Vascular Health and Risk Management</i> , 2012, 8, 125.	2.3	26
94	Intracoronary Optical Coherence Tomography and Histology at 1 Month and 2, 3, and 4 Years After Implantation of Everolimus-Eluting Bioresorbable Vascular Scaffolds in a Porcine Coronary Artery Model. <i>Circulation</i> , 2010, 122, 2288-2300.	1.6	289
95	Tomografía de coherencia óptica de segunda generación en la práctica clínica. La adquisición de datos de alta velocidad muestra una reproducibilidad excelente en pacientes tratados con intervenciones coronarias percutáneas. <i>Revista Española De Cardiología</i> , 2010, 63, 893-903.	1.2	52
96	Reproducibility of coronary Fourier domain optical coherence tomography: quantitative analysis of in vivo stented coronary arteries using three different software packages. <i>EuroIntervention</i> , 2010, 6, 371-379.	3.2	57
97	Incomplete Stent Apposition and Delayed Tissue Coverage Are More Frequent in Drug-Eluting Stents Implanted During Primary Percutaneous Coronary Intervention for ST-Segment Elevation Myocardial Infarction Than in Drug-Eluting Stents Implanted for Stable/Unstable Angina. <i>JACC: Cardiovascular Interventions</i> , 2009, 2, 445-452.	2.9	184
98	Optical coherence tomography patterns of stent restenosis. <i>American Heart Journal</i> , 2009, 158, 284-293.	2.7	309
99	In Vivo Assessment of High-Risk Coronary Plaques at Bifurcations With Combined Intravascular Ultrasound and Optical Coherence Tomography. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 473-482.	5.3	112
100	A bioabsorbable everolimus-eluting coronary stent system (ABSORB): 2-year outcomes and results from multiple imaging methods. <i>Lancet, The</i> , 2009, 373, 897-910.	13.7	755
101	Assessment of the absorption process following bioabsorbable everolimus-eluting stent implantation: temporal changes in strain values and tissue composition using intravascular ultrasound radiofrequency data analysis A substudy of the ABSORB clinical trial. <i>EuroIntervention</i> , 2009, 4, 443-448.	3.2	57
102	Reproducibility of quantitative optical coherence tomography for stent analysis. <i>EuroIntervention</i> , 2009, 5, 224-232.	3.2	101
103	Optical coherence tomography (OCT) in secondary revascularisation: stent and graft assessment. <i>EuroIntervention</i> , 2009, 5 Suppl D, D93-D100.	3.2	6
104	Grade 3 coronary artery perforations in chronic total occlusionâ€percutaneous coronary intervention: Mechanisms, locations, and outcomes from the G3CAP Registry. <i>Catheterization and Cardiovascular Interventions</i> , 0, , .	1.7	3