

# Gast n A Rodriguez-Granillo

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

2,900  
citations

201674

27  
h-index

175258

52  
g-index

117  
all docs

117  
docs citations

117  
times ranked

2620  
citing authors

#	ARTICLE	IF	CITATIONS
1	Usefulness of strain cardiac magnetic resonance for the exposure of mild left ventricular systolic abnormalities in pectus excavatum. <i>Journal of Pediatric Surgery</i> , 2022, 57, 319-324.	1.6	3
2	Epicardial and periaortic fat characteristics in ischemic stroke: Relationship with stroke etiology and calcification burden. <i>European Journal of Radiology</i> , 2022, 146, 110102.	2.6	0
3	Thrombus discrimination using quantitative assessment of late-enhancement iodine maps and low monoenergetic imaging. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2022, , .	0.6	0
4	Cardiovascular thrombotic complications in acute ischemic stroke assessed by chest spectral computed tomography during COVID-19. <i>Minerva Cardiology and Angiology</i> , 2021, 69, 606-618.	0.7	0
5	Underlying mechanisms involved in the icosapent ethyl reduction of cardiovascular events still cannot be attributed to an anti-atherosclerotic effect. <i>European Heart Journal</i> , 2021, 42, 3023-3024.	2.2	2
6	Early Triage of Cardioembolic Sources Using Chest Spectral Computed Tomography in Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105731.	1.6	2
7	Emerging role of spectral computed tomography in neurocardiology. <i>Reviews in Cardiovascular Medicine</i> , 2021, 22, 51.	1.4	2
8	Sternal torsion in pectus excavatum is related to cardiac compression and chest malformation indexes. <i>Journal of Pediatric Surgery</i> , 2020, 55, 619-624.	1.6	8
9	Impact of pectus excavatum on cardiac morphology and function according to the site of maximum compression: effect of physical exertion and respiratory cycle. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 77-84.	1.2	19
10	Diastolic and Systolic Cardiac Dysfunction in Pectus Excavatum: Relationship to Exercise and Malformation Severity. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200011.	2.5	3
11	Anatomic or functional testing in stable patients with suspected CAD: contemporary role of cardiac CT in the ISCHEMIA trial era. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1351-1362.	1.5	2
12	Regional differences of fat depot attenuation using non-contrast, contrast-enhanced, and delayed-enhanced cardiac CT. <i>Acta Radiologica</i> , 2019, 60, 459-467.	1.1	10
13	Invasive coronary angiography findings across the CAD-RADS classification spectrum. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1955-1961.	1.5	8
14	Preoperative multimodality imaging of pectus excavatum: State of the art review and call for standardization. <i>European Journal of Radiology</i> , 2019, 117, 140-148.	2.6	10
15	Detection of coronary inflammation. <i>Lancet, The</i> , 2019, 393, 2198-2199.	13.7	1
16	Comment on Elliott et al. Prevalence and Prognosis of Unrecognized Myocardial Infarction in Asymptomatic Patients With Diabetes: A Two-Center Study With Up to 5 Years of Follow-up. <i>Diabetes Care</i> 2019;42:1290-1296. <i>Diabetes Care</i> , 2019, 42, e155-e155.	8.6	1
17	Prognostic Value of Vascular Calcifications and Regional Fat Depots Derived From Conventional Chest Computed Tomography. <i>Journal of Thoracic Imaging</i> , 2019, 34, 33-40.	1.5	8
18	Role of Iterative Reconstruction Algorithm for the Assessment of Myocardial Infarction with Dual Energy Computed Tomography. <i>Academic Radiology</i> , 2019, 26, e260-e266.	2.5	3

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19	Evaluation of pectus excavatum indexes during standard cardiac magnetic resonance: Potential for single preoperative tool. <i>Clinical Imaging</i> , 2019, 53, 138-142.	1.5	9
20	Atherosclerotic plaque burden evaluated from neck to groin: effect of gender and cardiovascular risk factors. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 907-915.	1.5	3
21	Nuevas guÍas ACC/AHA sobre el manejo de dislipemias: tiempo de implementar el score de calcio como herramienta de prevenci³n primaria. <i>Revista Argentina De CardioangiologÍa Intervencionista</i> , 2019, 10, 0017-0020.	0.0	0
22	Relationship between left atrial dimensions and global and regional fat depots. <i>Archivos De CardiologÍa De MÍxico (English Ed Internet)</i> , 2019, 89, 8-14.	0.0	0
23	Pericardial and visceral, but not total body fat, are related to global coronary and extra-coronary atherosclerotic plaque burden. <i>International Journal of Cardiology</i> , 2018, 260, 204-210.	1.7	12
24	Abdominal Obesity as a Risk Predictor. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1398-1399.	2.8	1
25	Letter by Rodriguez-Granillo et al Regarding Article, "Acute Myocardial Infarction: Changes in Patient Characteristics, Management, and 6-Month Outcomes Over a Period of 20 Years in the FAST-MI Program (French Registry of Acute ST-Elevation or Non-ST-Elevation Myocardial Infarction) 1995 to 2015". <i>Circulation</i> , 2018, 137, 2305-2306.	1.6	1
26	Relationship between cardiac MR compression classification and CT chest wall indexes in patients with pectus excavatum. <i>Journal of Pediatric Surgery</i> , 2018, 53, 2294-2298.	1.6	14
27	Exaggerated Interventricular Dependence Among Patients With Pectus Excavatum: Combined Assessment With Cardiac MRI and Chest CT. <i>American Journal of Roentgenology</i> , 2017, 208, 854-861.	2.2	20
28	Impact on mortality of coronary and non-coronary cardiovascular findings in non-gated thoracic CT by malignancy status. <i>European Journal of Radiology</i> , 2017, 93, 169-177.	2.6	8
29	Spectral Signal Density of Carotid Plaque Using Dual-Energy Computed Tomography. <i>Journal of Neuroimaging</i> , 2017, 27, 511-516.	2.0	13
30	Detection of Myocardial Infarction Using Delayed Enhancement Dual-Energy CT in Stable Patients. <i>American Journal of Roentgenology</i> , 2017, 209, 1023-1032.	2.2	8
31	Improved Discrimination of Myocardial Perfusion Defects at Low Energy Levels Using Virtual Monochromatic Imaging. <i>Journal of Computer Assisted Tomography</i> , 2017, 41, 661-667.	0.9	6
32	Asociaci³n entre patrones de llenado ventricular y extensi³n del realce tardÍo por resonancia magnÍtica en pacientes con miocardiopatÍa hipertr³fica. <i>Radiologia</i> , 2017, 59, 56-63.	0.5	1
33	Pericardial fat volume is related to atherosclerotic plaque burden rather than to lesion severity. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 795-801.	1.2	10
34	Delayed enhancement cardiac computed tomography for the assessment of myocardial infarction: from bench to bedside. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, 159-170.	1.7	40
35	Dual energy cardiac computed tomography. <i>Minerva Cardiology and Angiology</i> , 2017, 65, 265 - 277.	0.7	1
36	Novel developments of CT: myocardial perfusion, hemodynamic assessment derived from anatomy, infarct characterization, and role of microvascular function. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, 110-111.	1.7	0

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37	Progression of coronary artery calcification at the crossroads: sign of progression or stabilization of coronary atherosclerosis?. <i>Cardiovascular Diagnosis and Therapy</i> , 2016, 6, 250-258.	1.7	29
38	Extension and Spatial Distribution of Atherosclerotic Burden Using Virtual Monochromatic Imaging Derived From Dual-energy Computed Tomography. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2016, 69, 915-922.	0.6	3
39	Virtual Monochromatic Imaging in Patients with Intermediate to High Likelihood of Coronary Artery Disease. <i>Academic Radiology</i> , 2016, 23, 1490-1497.	2.5	3
40	Noninvasive Cardiac Imaging in Patients with Known and Suspected Coronary Artery Disease: What is in it for the Interventional Cardiologist?. <i>Current Cardiology Reports</i> , 2016, 18, 3.	2.9	3
41	Defining the non-vulnerable and vulnerable patients with computed tomography coronary angiography: evaluation of atherosclerotic plaque burden and composition. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 481-491.	1.2	39
42	Reproducibility of Gadolinium Enhancement Patterns and Wall Thickness in Hypertrophic Cardiomyopathy. <i>Arquivos Brasileiros De Cardiologia</i> , 2016, 107, 48-54.	0.8	1
43	Perfil cardiometabólico adverso de pacientes sanos en exámenes clínicos periódicos de salud. <i>Revista Argentina De Cardioangiología Intervencionista</i> , 2016, 7, 0129-0135.	0.0	0
44	Myocardial signal density levels and beam-hardening artifact attenuation using dual-energy computed tomography. <i>Clinical Imaging</i> , 2015, 39, 809-814.	1.5	13
45	Functional Evaluation of Coronary Disease by CT Angiography. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1322-1335.	5.3	22
46	Incremental value of myocardial perfusion over coronary angiography by spectral computed tomography in patients with intermediate to high likelihood of coronary artery disease. <i>European Journal of Radiology</i> , 2015, 84, 637-642.	2.6	32
47	Comparison of Myocardial Perfusion Evaluation with Single Versus Dual-Energy CT and Effect of Beam-Hardening Artifacts. <i>Academic Radiology</i> , 2015, 22, 591-599.	2.5	32
48	Dual Energy CT Imaging for the Assessment of Coronary Artery Stenosis. , 2015, , 173-193.		0
49	Dual energy imaging and intracycle motion correction for CT coronary angiography in patients with intermediate to high likelihood of coronary artery disease. <i>Clinical Imaging</i> , 2015, 39, 1000-1005.	1.5	9
50	Monochromatic image reconstruction by dual energy imaging allows half iodine load computed tomography coronary angiography. <i>European Journal of Radiology</i> , 2015, 84, 1915-1920.	2.6	43
51	Effect of Intracycle Motion Correction Algorithm on Image Quality and Diagnostic Performance of Computed Tomography Coronary Angiography in Patients with Suspected Coronary Artery Disease. <i>Academic Radiology</i> , 2015, 22, 81-86.	2.5	17
52	Beam hardening artifact reduction using dual energy computed tomography: implications for myocardial perfusion studies. <i>Cardiovascular Diagnosis and Therapy</i> , 2015, 5, 79-85.	1.7	25
53	CT Angiography Versus Routine Stress Testing for Patients with Chest Pain Seen in the Emergency Room to Exclude Significant Coronary Artery Disease. , 2015, , 83-98.		0
54	Rate of Atherosclerosis Progression in ApoE <sup>0/0</sup> Mice Long After Discontinuation of Cola Beverage Drinking. <i>PLoS ONE</i> , 2014, 9, e89838.	2.5	14

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55	Substantial iodine volume load reduction in CT angiography with dual-energy imaging: insights from a pilot randomized study. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 1613-1620.	1.5	47
56	Positive remodeling at 3 year follow up is associated with plaque free coronary wall segment at baseline: A serial IVUS study. <i>Atherosclerosis</i> , 2014, 236, 82-90.	0.8	3
57	Relationship between QRS characteristics and delayed-enhancement cardiac magnetic resonance in patients with ischemic cardiomyopathy. <i>Artery Research</i> , 2014, 8, 88.	0.6	0
58	Metabolic disturbances and worsening of atherosclerotic lesions in ApoE <sup>-/-</sup> mice after cola beverages drinking. <i>Cardiovascular Diabetology</i> , 2013, 12, 57.	6.8	20
59	Quantification of scientific output in cardiovascular medicine: a perspective based on global data. <i>EuroIntervention</i> , 2013, 9, 975-978.	3.2	4
60	Low-dose CT coronary angiography using iterative reconstruction with a 256-slice CT scanner. <i>World Journal of Cardiology</i> , 2013, 5, 382.	1.5	16
61	Thoracic aorta cardiac-cycle related dynamic changes assessed with a 256-slice CT scanner. <i>Cardiovascular Diagnosis and Therapy</i> , 2013, 3, 125-8.	1.7	14
62	Randomized comparison of cost-saving and effectiveness of oral rapamycin plus bare-metal stents with drug-eluting stents: Three-year outcome from the randomized oral rapamycin in Argentina (ORAR) III trial. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 80, 385-394.	1.7	12
63	Left ventricular filling patterns in patients with previous myocardial infarction measured by conventional cine cardiac magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 795-801.	1.5	14
64	Disecci³n de tronco de arteria coronaria izquierda y ostium de coronaria derecha en paciente puÁrpera. <i>Revista Argentina De CardioangiologÁa Intervencionista</i> , 2012, 3, 0216-0219.	0.0	0
65	Chronological changes of aortic and hepatic lesions in apolipoprotein E deficient mice. <i>Artery Research</i> , 2011, 5, 109.	0.6	0
66	Advantages and disadvantages of biodegradable platforms in drug eluting stents. <i>World Journal of Cardiology</i> , 2011, 3, 84.	1.5	32
67	Efficacy and safety of a double-coated paclitaxel-eluting coronary stent: The EUCATAX trial. <i>Catheterization and Cardiovascular Interventions</i> , 2011, 77, 335-342.	1.7	12
68	Effect of Doxycycline on Atherosclerosis: From Bench to Bedside. <i>Recent Patents on Cardiovascular Drug Discovery</i> , 2011, 6, 42-54.	1.5	6
69	Guidance of percutaneous coronary interventions by multidetector row computed tomography coronary angiography. <i>EuroIntervention</i> , 2011, 6, 773-778.	3.2	7
70	Signal density of left ventricular myocardial segments and impact of beam hardening artifact: implications for myocardial perfusion assessment by multidetector CT coronary angiography. <i>International Journal of Cardiovascular Imaging</i> , 2010, 26, 345-354.	1.5	72
71	Chronic myocardial infarction detection and characterization during coronary artery calcium scoring acquisitions. <i>Journal of Cardiovascular Computed Tomography</i> , 2010, 4, 99-107.	1.3	13
72	Myocardial perfusion imaging and infarct characterization using multidetector cardiac computed tomography. <i>World Journal of Cardiology</i> , 2010, 2, 198.	1.5	4

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73	Early Assessment of Myocardial Viability by the Use of Delayed Enhancement Computed Tomography After Primary Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 1072-1081.	5.3	40
74	Coronary calcium significantly affects quantitative analysis of coronary ultrasound: importance for atherosclerosis progression/regression studies. <i>Coronary Artery Disease</i> , 2009, 20, 409-414.	0.7	27
75	Parameters for coronary plaque vulnerability assessed with multidetector computed tomography and intracoronary ultrasound correlation. <i>Journal of Cardiovascular Medicine</i> , 2009, 10, 821-826.	1.5	6
76	Prevalence and characteristics of major and minor coronary artery anomalies in an adult population assessed by computed tomography coronary angiography. <i>EuroIntervention</i> , 2009, 4, 641-653.	3.2	14
77	Percutaneous coronary intervention with oral sirolimus and bare metal stents has comparable safety and efficacy to treatment with drug eluting stents, but with significant cost saving: long-term follow-up results from the randomised, controlled ORAR III (Oral Rapamycin in ARgentina) study. <i>EuroIntervention</i> , 2009, 5, 255-264.	3.2	24
78	Coronary plaque composition as assessed by greyscale intravascular ultrasound and radiofrequency spectral data analysis. <i>International Journal of Cardiovascular Imaging</i> , 2008, 24, 811-818.	1.5	15
79	A novel approach for quantitative analysis of intracoronary optical coherence tomography: High inter-observer agreement with computer-assisted contour detection. <i>Catheterization and Cardiovascular Interventions</i> , 2008, 72, 228-235.	1.7	63
80	Long-Term Safety and Efficacy of Percutaneous Coronary Intervention With Stenting and Coronary Artery Bypass Surgery for Multivessel Coronary Artery Disease. <i>Circulation</i> , 2008, 118, 1146-1154.	1.6	266
81	Effect of perindopril on coronary remodelling: insights from a multicentre, randomized study. <i>European Heart Journal</i> , 2007, 28, 2326-2331.	2.2	37
82	Application of multislice computed tomography coronary angiography for the diagnostic work-up of acute coronary syndromes. <i>International Journal of Cardiology</i> , 2007, 115, 93-94.	1.7	1
83	Plaque Composition in the Left Main Stem Mimics the Distal But Not the Proximal Tract of the Left Coronary Artery. <i>Journal of the American College of Cardiology</i> , 2007, 49, 23-31.	2.8	51
84	Meta-Analysis of the Studies Assessing Temporal Changes in Coronary Plaque Volume Using Intravascular Ultrasound. <i>American Journal of Cardiology</i> , 2007, 99, 5-10.	1.6	44
85	Long-Term Effect of Perindopril on Coronary Atherosclerosis Progression (from the PERindopril™s) Tj ETQq1 1 0.784314 rgBT /Ove	1.6	59
86	Modified scan protocol using multislice CT coronary angiography allows high quality acquisitions in obese patients: a case report. <i>International Journal of Cardiovascular Imaging</i> , 2007, 23, 265-267.	1.5	4
87	Multislice CT coronary angiography for the detection of burden, morphology and distribution of atherosclerotic plaques in the left main bifurcation. <i>International Journal of Cardiovascular Imaging</i> , 2007, 23, 389-392.	1.5	40
88	Late stent thrombosis: the Damocle's sword of drug eluting stents?. <i>EuroIntervention</i> , 2007, 2, 512-7.	3.2	4
89	Plaque Composition and its Relationship With Acknowledged Shear Stress Patterns in Coronary Arteries. <i>Journal of the American College of Cardiology</i> , 2006, 47, 884-885.	2.8	65
90	Distal Left Main Coronary Disease Is a Major Predictor of Outcome in Patients Undergoing Percutaneous Intervention in the Drug-Eluting Stent Era. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1530-1537.	2.8	181

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91	Intracoronary Delivery of Hematopoietic Bone Marrow Stem Cells and Luminal Loss of the Infarct-Related Artery in Patients With Recent Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1727-1730.	2.8	78
92	Coronary plaque composition of nonculprit lesions, assessed by in vivo intracoronary ultrasound radio frequency data analysis, is related to clinical presentation. <i>American Heart Journal</i> , 2006, 151, 1020-1024.	2.7	87
93	In vivo relationship between compositional and mechanical imaging of coronary arteries. <i>American Heart Journal</i> , 2006, 151, 1025.e1-1025.e6.	2.7	14
94	Assessment of carotid plaque with intravascular ultrasound. , 2006, , 223-234.		0
95	In vivo Variability in Quantitative Coronary Ultrasound and Tissue Characterization Measurements with Mechanical and Phased-array Catheters. <i>International Journal of Cardiovascular Imaging</i> , 2006, 22, 47-53.	1.5	20
96	In-vivo, cardiac-cycle related intimal displacement of coronary plaques assessed by 3-D ECG-gated intravascular ultrasound: exploring its correlate with tissue deformability identified by palpography. <i>International Journal of Cardiovascular Imaging</i> , 2006, 22, 147-152.	1.5	6
97	Reproducibility of intravascular ultrasound radiofrequency data analysis: implications for the design of longitudinal studies. <i>International Journal of Cardiovascular Imaging</i> , 2006, 22, 621-631.	1.5	59
98	Distance from the ostium as an independent determinant of coronary plaque composition in vivo: an intravascular ultrasound study based radiofrequency data analysis in humans. <i>European Heart Journal</i> , 2006, 27, 655-663.	2.2	68
99	Global characterization of coronary plaque rupture phenotype using three-vessel intravascular ultrasound radiofrequency data analysis. <i>European Heart Journal</i> , 2006, 27, 1921-1927.	2.2	71
100	Comparison of early outcome of percutaneous coronary intervention for unprotected left main coronary artery disease in the drug-eluting stent era with versus without intravascular ultrasonic guidance. <i>American Journal of Cardiology</i> , 2005, 95, 644-647.	1.6	95
101	Immediate and One-Year Outcome of Percutaneous Intervention of Saphenous Vein Graft Disease With Paclitaxel-Eluting Stents. <i>American Journal of Cardiology</i> , 2005, 96, 395-398.	1.6	24
102	Geometrical validation of intravascular ultrasound radiofrequency data analysis (Virtual Histology) acquired with a 30 MHz boston scientific corporation imaging catheter. <i>Catheterization and Cardiovascular Interventions</i> , 2005, 66, 514-518.	1.7	21
103	Paclitaxel eluting stents for the treatment of angiographically non-significant atherosclerotic lesions. <i>International Journal of Cardiovascular Interventions</i> , 2005, 7, 68-71.	0.5	4
104	The unrestricted use of paclitaxel- versus sirolimus-eluting stents for coronary artery disease in an unselected population. <i>Journal of the American College of Cardiology</i> , 2005, 45, 1135-1141.	2.8	204
105	In Vivo Intravascular Ultrasound-Derived Thin-Cap Fibroatheroma Detection Using Ultrasound Radiofrequency Data Analysis. <i>Journal of the American College of Cardiology</i> , 2005, 46, 2038-2042.	2.8	364
106	One-year clinical outcome after coronary stenting of very small vessels using 2.25 mm sirolimus- and paclitaxel-eluting stents: a comparison between the RESEARCH and T-SEARCH registries. <i>Journal of Invasive Cardiology</i> , 2005, 17, 409-12.	0.4	22
107	First-in-man prospective evaluation of temporal changes in coronary plaque composition by in vivo intravascular ultrasound radiofrequency data analysis: an Integrated Biomarker and Imaging Study (IBIS) substudy. <i>EuroIntervention</i> , 2005, 1, 282-8.	3.2	8
108	Detection of a necrotic core-rich, highly deformable plaque in an angiographically non-diseased proximal LAD. <i>EuroIntervention</i> , 2005, 1, 367.	3.2	1