Roberto Barriales Villa

List of Publications by Citations

106 papers	1,223 citations	18 h-index	33 g-index
120 ext. papers	1,808 ext. citations	3.6 avg, IF	3.73 L-index

#	Paper	IF	Citations
106	Truncating FLNC Mutations Are Associated With High-Risk Dilated and Arrhythmogenic Cardiomyopathies. *Journal of the American College of Cardiology*, **2016**, 68, 2440-2451	15.1	213
105	Mavacamten for treatment of symptomatic obstructive hypertrophic cardiomyopathy (EXPLORER-HCM): a randomised, double-blind, placebo-controlled, phase 3 trial. *Lancet, The*, **2020**, 396, 759-769	40	149
104	Development of a Novel Risk Prediction Model for Sudden Cardiac Death in Childhood Hypertrophic Cardiomyopathy (HCM Risk-Kids). *JAMA Cardiology*, **2019**, 4, 918-927	16.2	67
103	Dilated Cardiomyopathy Due to BLC2-Associated Athanogene 3 (BAG3) Mutations. *Journal of the American College of Cardiology*, **2018**, 72, 2471-2481	15.1	53
102	Protocolo de actuación en las cardiopatías familiares: síntesis de recomendaciones y algoritmos de actuación. *Revista Espanola De Cardiologia*, **2016**, 69, 300-309	1.5	42
101	Prevalence and outcome of newly detected diabetes in patients who undergo percutaneous coronary intervention. *European Heart Journal*, **2009**, 30, 2614-21	9.5	41
100	Phenotype and prognostic correlations of the converter region mutations affecting the β-myosin heavy chain. *Heart*, **2015**, 101, 1047-53	5.1	34
99	Formin Homology 2 Domain Containing 3 (FHOD3) Is a Genetic Basis for Hypertrophic Cardiomyopathy. *Journal of the American College of Cardiology*, **2018**, 72, 2457-2467	15.1	33
98	Direct oral anticoagulants in patients with hypertrophic cardiomyopathy and atrial fibrillation. *International Journal of Cardiology*, **2017**, 248, 232-238	3.2	31
97	Isogenic Pairs of hiPSC-CMs with Hypertrophic Cardiomyopathy/LVNC-Associated ACTC1 E99K Mutation Unveil Differential Functional Deficits. *Stem Cell Reports*, **2018**, 11, 1226-1243	8	31
96	Transient left ventricular apical ballooning and outflow tract obstruction. *Journal of the American College of Cardiology*, **2003**, 42, 1143-4; author reply 1144	15.1	30
95	Cardiac Involvement in Fabry Disease: JACC Review Topic of the Week. *Journal of the American College of Cardiology*, **2021**, 77, 922-936	15.1	26
94	Clinical Phenotypes and Prognosis of Dilated Cardiomyopathy Caused by Truncating Variants in the Gene. *Circulation: Heart Failure*, **2020**, 13, e006832	7.6	24
93	The importance of genotype-phenotype correlation in the clinical management of Marfan syndrome. *Orphanet Journal of Rare Diseases*, **2018**, 13, 16	4.2	23
92	Anomalías congénitas de las arterias coronarias con origen en el seno de Valsalva contralateral: ¿qué actitud se debe seguir?. *Revista Espanola De Cardiologia*, **2006**, 59, 360-370	1.5	21
91	Screening mutations in myosin binding protein C3 gene in a cohort of patients with Hypertrophic Cardiomyopathy. *BMC Medical Genetics*, **2010**, 11, 67	2.1	20
90	Calmodulin 2 Mutation N98S Is Associated with Unexplained Cardiac Arrest in Infants Due to Low Clinical Penetrance Electrical Disorders. *PLoS ONE*, **2016**, 11, e0153851	3.7	18

89	Nueva mutación fundadora en MYBPC3: comparación fenotípica con la mutación de MYBPC3 más frecuente en España. *Revista Espanola De Cardiologia*, **2017**, 70, 105-114	1.5	17
88	Registro de anomalías congénitas de las arterias coronarias con origen en el seno de Valsalva contralateral en 13 hospitales españoles (RACES). *Revista Espanola De Cardiologia*, **2006**, 59, 620-623	1.5	17
87	Usefulness of helical computed tomography in the identification of the initial course of coronary anomalies. *American Journal of Cardiology*, **2001**, 88, 719	3	17
86	Clinical Features and Natural History of PRKAG2 Variant Cardiac Glycogenosis. *Journal of the American College of Cardiology*, **2020**, 76, 186-197	15.1	16
85	Trastornos graves de la conducción cardiaca e implante de marcapasos en pacientes con miocardiopatía hipertrófica. *Revista Espanola De Cardiologia*, **2010**, 63, 985-988	1.5	16
84	Cardiotrophin-1 plasma levels are associated with the severity of hypertrophy in hypertrophic cardiomyopathy. *European Heart Journal*, **2011**, 32, 177-83	9.5	16
83	The impact of diabetes mellitus on the clinical phenotype of hypertrophic cardiomyopathy. *European Heart Journal*, **2019**, 40, 1671-1677	9.5	15
82	Genetics of cardiomyopathies: novel perspectives with next generation sequencing. *Current Pharmaceutical Design*, **2015**, 21, 418-30	3.3	14
81	Mutación en homocigosis en el gen MYBPC3 asociada a fenotipos severos y alto riesgo de muerte súbita en una familia con miocardiopatía hipertrófica. *Revista Espanola De Cardiologia*, **2009**, 62, 572-575	1.5	12
80	Bicuspid aortic valve and coronary anomalies. *Circulation*, **2003**, 107, e105; author reply e105	16.7	10
79	Síndrome de discinesia apical transitoria sin lesiones coronarias: importancia del gradiente intraventricular. *Revista Espanola De Cardiologia*, **2004**, 57, 85-88	1.5	10
78	Plan of Action for Inherited Cardiovascular Diseases: Synthesis of Recommendations and Action Algorithms. *Revista Espanola De Cardiologia (English Ed)*, **2016**, 69, 300-9	0.7	9
77	The interpretation of genetic tests in inherited cardiovascular diseases. *Neurology International*, **2011**, 1, 8	0	9
76	The role of the electrocardiographic phenotype in risk stratification for sudden cardiac death in childhood hypertrophic cardiomyopathy. *European Journal of Preventive Cardiology*, **2021**,	3.9	9
75	Predictores de riesgo en una cohorte española con cardiolaminopatías. Registro REDLAMINA. *Revista Espanola De Cardiologia*, **2021**, 74, 216-224	1.5	8
74	A homozygous MYBPC3 gene mutation associated with a severe phenotype and a high risk of sudden death in a family with hypertrophic cardiomyopathy. *Revista Espanola De Cardiologia (English Ed)*, **2009**, 62, 572-5	0.7	7
73	Miocardiopatía producida por feocromocitoma o miocardiopatía por estrés secundaria a feocromocitoma: ¿necesidad de una nueva denominación?. *Revista Espanola De Cardiologia*, **2008**, 61, 432-433	1.5	7
72	Apical hypertrophic cardiomyopathy and left ventricular non-compaction: two faces of the same disease. *Heart*, **2008**, 94, 1253	5.1	7

71	Prevalence and clinical outcomes of dystrophin-associated dilated cardiomyopathy without severe skeletal myopathy. *European Journal of Heart Failure*, **2021**, 23, 1276-1286	12.3	7
70	Association of Left Ventricular Systolic Dysfunction Among Carriers of Truncating Variants in Filamin C With Frequent Ventricular Arrhythmia and End-stage Heart Failure. *JAMA Cardiology*, **2021**, 6, 891-901	16.2	7
69	Clinical Risk Prediction in Patients With Left Ventricular Myocardial Noncompaction. *Journal of the American College of Cardiology*, **2021**, 78, 643-662	15.1	7
68	Association of Genetic Variants With Outcomes in Patients With Nonischemic Dilated Cardiomyopathy. *Journal of the American College of Cardiology*, **2021**, 78, 1682-1699	15.1	5
67	Protein haploinsufficiency drivers identify MYBPC3 variants that cause hypertrophic cardiomyopathy. *Journal of Biological Chemistry*, **2021**, 297, 100854	5.4	5
66	Extensa familia con síndrome de Marfan en la que se demuestra la patogenicidad de una variante «sinónima» (p.Ile2118=) en el gen de la fibrilina 1. *Revista Espanola De Cardiologia*, **2017**, 70, 679-681	1.5	4
65	Polymorphisms in ACE, ACE2, AGTR1 genes and severity of COVID-19 disease.. *PLoS ONE*, **2022**, 17, e0263140	3.7	4
64	A Novel Founder Mutation in MYBPC3: Phenotypic Comparison With the Most Prevalent MYBPC3 Mutation in Spain. *Revista Espanola De Cardiologia (English Ed)*, **2017**, 70, 105-114	0.7	3
63	¿Cómo enfrentarse a una sospecha clínica de amiloidosis cardíaca? Un enfoque práctico para el diagnóstico. *Cardiocore*, **2017**, 52, 27-34		3
62	Coronary anomalies. *Circulation*, **2003**, 107, E36-6; author reply E36-6	16.7	3
61	Apical hypertrophic cardiomyopathy, intraventricular pressure gradients and ST segment elevation. *International Journal of Cardiology*, **2002**, 82, 179-80	3.2	3
60	Storage diseases with hypertrophic cardiomyopathy phenotype. *Global Cardiology Science & Practice*, **2018**, 2018, 28	0.7	3
59	Miocardiopatía hipertrófica sin hipertrofia ventricular: utilidad del estudio anatomopatológico y genético en la prevención de la muerte súbita. *Revista Espanola De Cardiologia*, **2017**, 70, 604-606	1.5	2
58	First Reported Case of Fabry Disease Caused by a Somatic Mosaicism in the GLA Gene. *Revista Espanola De Cardiologia (English Ed)*, **2019**, 72, 585-587	0.7	2
57	Negative screening of Fabry disease in patients with conduction disorders requiring a pacemaker. *Orphanet Journal of Rare Diseases*, **2019**, 14, 170	4.2	2
56	Protein haploinsufficiency drivers identify MYBPC3 mutations that cause hypertrophic cardiomyopathy		2
55	The p.(Cys150Tyr) variant in CSRP3 is associated with late-onset hypertrophic cardiomyopathy in heterozygous individuals. *European Journal of Medical Genetics*, **2020**, 63, 104079	2.6	2
54	Light chain and transthyretin cardiac amyloidosis: Clinical characteristics, natural history and prognostic factors. *Medicina Clínica*, **2021**, 156, 369-378	1	2

53	Letter by Barriales-Villa et al Regarding Article, "Development and Validation of a New Risk Prediction Score for Life-Threatening Ventricular Tachyarrhythmias in Laminopathies". *Circulation*, **2019**, 140, e818-e819	16.7	2
52	Current use of cardiac magnetic resonance in tertiary referral centres for the diagnosis of cardiomyopathy: the ESC EORP Cardiomyopathy/Myocarditis Registry. *European Heart Journal Cardiovascular Imaging*, **2021**, 22, 781-789	4.1	2
51	La variante p.Arg118Cys en el gen GLA no causa enfermedad de Fabry. Más evidencias. *Revista Espanola De Cardiologia*, **2018**, 71, 871-873	1.5	2
50	Hypertrophic Cardiomyopathy Without Ventricular Hypertrophy: Usefulness of Genetic and Pathological Study in Preventing Sudden Death. *Revista Espanola De Cardiologia (English Ed)*, **2017**, 70, 604-606	0.7	1
49	Primer caso descrito de enfermedad de Fabry causada por un mosaicismo somático en el gen GLA. *Revista Espanola De Cardiologia*, **2019**, 72, 585-587	1.5	1
48	Cardiac-only Timothy Syndrome (COTS): Peripartum Cardiomyopathy and Long QT Syndrome. *Revista Espanola De Cardiologia (English Ed)*, **2019**, 72, 876-878	0.7	1
47	Cambio de paradigma en el diagnóstico y tratamiento de la amiloidosis cardiaca por transtirretina. *REC: CardioClinics*, **2019**, 54, 9-12	0.2	1
46	Prognostic implications of pathogenic truncating variants in the TTN gene. *International Journal of Cardiology*, **2020**, 316, 180-183	3.2	1
45	The p.Arg118Cys Variant in the GLA Gene Does Not Cause Fabry Disease. More Evidence. *Revista Espanola De Cardiologia (English Ed)*, **2018**, 71, 871-873	0.7	1
44	Unidades multidisciplinares en el estudio y prevención de la muerte súbita por cardiopatías familiares. *Revista Espanola De Medicina Legal*, **2018**, 44, 46-52	0.2	1
43	La importancia del estudio familiar y genético: la mutación p.L3778F en el receptor de la rianodina probablemente no cause un fenotipo tan grave. *Revista Espanola De Cardiologia*, **2016**, 69, 702-704	1.5	1
42	Genética del síndrome de Marfan. *Cardiocore*, **2011**, 46, 101-104		1
41	Anomalous Coronary Arteries Originating in the Contralateral Sinus of Valsalva: Registry of Thirteen Spanish Hospitals (RACES). *Revista Espanola De Cardiologia (English Ed)*, **2006**, 59, 620-623	0.7	1
40	Treatment of hypertrophic cardiomyopathy. *Circulation*, **2003**, 107, e110; auhor reply e110	16.7	1
39	Síndrome de Timothy exclusivamente cardiaco (COTS): miocardiopatía periparto y QT largo. *Revista Espanola De Cardiologia*, **2019**, 72, 876-878	1.5	1
38	Clinical utility of genetic testing in patients with dilated cardiomyopathy. *Medicina Clínica*, **2021**, 156, 485-495	1	1
37	Risk predictors in a Spanish cohort with cardiac laminopathies. The REDLAMINA registry. *Revista Espanola De Cardiologia (English Ed)*, **2021**, 74, 216-224	0.7	1
36	Lamin cardiomyopathies risk stratification. *Europace*, **2021**, 23, 487	3.9	1

35	Value of a comprehensive exercise echocardiography assessment for patients with hypertrophic cardiomyopathy. *Journal of Cardiology*, **2021**, 77, 525-531	3	1
34	Letter by Ruiz-Guerrero et al Regarding Article, "Yield of the RYR2 Genetic Test in Suspected Catecholaminergic Polymorphic Ventricular Tachycardia and Implications for Test Interpretation". *Circulation Genomic and Precision Medicine*, **2018**, 11, e002159	5.2	1
33	Clinical Features and Natural History of Preadolescent Nonsyndromic Hypertrophic´Cardiomyopathy.. *Journal of the American College of Cardiology*, **2022**, 79, 1986-1997	15.1	1
32	Multidisciplinary units, a key element in the study and prevention of sudden cardiac death caused by inherited cardiac conditions. *Spanish Journal of Legal Medicine*, **2018**, 44, 46-52	0.4	0
31	Los estudios genéticos en la prevención de la muerte súbita: ¿realidad o ficción?. *Cardiocore*, **2012**, 47, 50-53		0
30	Do racial or populational differences exist in coronary anomalies?. *International Journal of Cardiology*, **2001**, 81, 89-90	3.2	0
29	Correlación genotipo-fenotipo en miocardiopatía hipertrófica: un estudio multicéntrico en Portugal y España sobre la variante p.Arg21Leu de TPM1. *Revista Espanola De Cardiologia*, **2021**, 75, 242-242	1.5	0
28	Prospective follow-up in various subtypes of cardiomyopathies: insights from the ESC EORP Cardiomyopathy Registry. *European Heart Journal Quality of Care & Clinical Outcomes*, **2021**, 7, 134-142	4.6	0
27	Relationship Between Maximal Left Ventricular Wall Thickness and Sudden Cardiac Death in Childhood Onset Hypertrophic Cardiomyopathy.. *Circulation: Arrhythmia and Electrophysiology*, **2022**, CIRCEP121010075	6.4	0
26	Large Family With Marfan Syndrome Demonstrating the Pathogenicity of a "Synonymous" Variant (p.Ile2118=) in the Fibrillin-1 Gene. *Revista Espanola De Cardiologia (English Ed)*, **2017**, 70, 679-681	0.7	
25	The Importance of Family-genetic Screening: The Phenotype Caused by the p.L3778F Ryanodine Receptor Mutation is Likely Less Severe Than Previously Thought. *Revista Espanola De Cardiologia (English Ed)*, **2016**, 69, 702-4	0.7	
24	Usefulness of genetic diagnosis in a woman with hypertrophic cardiomyopathy and the desire for motherhood: information is key. *Revista Espanola De Cardiologia (English Ed)*, **2014**, 67, 333-4	0.7	
23	Utilidad del diagnóstico genético en la miocardiopatía hipertrófica de una mujer que desea ser madre: la información es clave. *Revista Espanola De Cardiologia*, **2014**, 67, 333-334	1.5	
22	Síndrome de Brugada. *Revista Espanola De Cardiologia*, **2010**, 63, 620	1.5	
21	P2Pmuch mitral tissue. *European Heart Journal Cardiovascular Imaging*, **2010**, 11, 189	4.1	
20	Pheochromocytoma-Related Cardiomyopathy or Stress Cardiomyopathy Secondary to Pheochromocytoma: Is New Terminology Needed?. *Revista Espanola De Cardiologia (English Ed)*, **2008**, 61, 432-433	0.7	
19	Congenital Coronary Artery Anomalies With Origin in the Contralateral Sinus of Valsalva: Which Approach Should We Take?. *Revista Espanola De Cardiologia (English Ed)*, **2006**, 59, 360-370	0.7	
18	Transient Left Ventricular Apical Ballooning Without Coronary Stenoses Syndrome: Importance of the Intraventricular Pressure Gradient. *Revista Espanola De Cardiologia (English Ed)*, **2004**, 57, 85-88	0.7	

17	Congenital coronary artery anomalies in the adult: a new practical viewpoint. *Clinical Cardiology*, **2005**, 28, 359; author reply 359	3.3
16	Selecci□ de lo mejor del a□ 2021 en cardiopat□s familiares y gen□tica cardiovascular. *REC: CardioClinics*, **2022**, 57, S54-S59	0.2
15	Clasificaci□ de la hipertensi□ arterial pulmonar basada en el estudio gen□tico y familiar. *Revista Espanola De Cardiologia*, **2019**, 72, 591-593	1.5
14	Non-Atherosclerotic Coronary Artery Disease **2015**, 155-169	
13	Light chain and transthyretin cardiac amyloidosis: Clinical characteristics, natural history and prognostic factors. *Medicina Cl□nica (English Edition)*, **2021**, 156, 369-378	0.3
12	Clinical utility of genetic testing in patients with dilated cardiomyopathy. *Medicina Cl□nica (English Edition)*, **2021**, 156, 485-495	0.3
11	Miocardiopat□ dilatada y distrofia muscular de cinturas leve causada por la variante gen□tica p.Gly424Ser en fukutina. *Revista Espanola De Cardiologia*, **2021**, 74, 987-987	1.5
10	Shprintzen-Goldberg syndrome and aortic dilatation: apropos of 2 new cases. *Revista Espanola De Cardiologia (English Ed)*, **2021**, 74, 551-553	0.7
9	Author□s reply: Prognostic implication of exercise echocardiography in patients with hypertrophic cardiomyopathy, by Teruhiko Imamura. *Journal of Cardiology*, **2021**, 77, 677-678	3
8	Mitral Repair as a Treatment of Outflow Tract Obstruction in Hypertrophic Cardiomyopathy: "Myectomy Without Myectomy". *Revista Espanola De Cardiologia (English Ed)*, **2019**, 72, 266-268	0.7
7	Classification of Pulmonary Arterial Hypertension by Genetic and Familial Testing. *Revista Espanola De Cardiologia (English Ed)*, **2019**, 72, 591-593	0.7
6	Isolated right ventricle endomyocardial fibrosis. An increasingly frequent disease in Spain. *Medicina Cl□nica*, **2019**, 153, 219-220	1
5	Tratamiento de la obstrucci□ del tracto de salida en la miocardiopat□ hipertr□fica mediante reparaci□ mitral: «miectom□ sin miectom□». *Revista Espanola De Cardiologia*, **2019**, 72, 266-268	1.5
4	Incidental finding of cornea verticillata or lamellar inclusions in kidney biopsy: measurement of lyso-Gb3 in plasma defines between Fabry disease and drug-induced phospholipidosis. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2021**, 1867, 165985	6.9
3	S□drome de Shprintzen-Goldberg y dilataci□ a□rtica: a prop□sito de dos nuevos casos. *Revista Espanola De Cardiologia*, **2021**, 74, 551-553	1.5
2	Selecci□ de lo mejor del a□ 2020 en cardiopat□s familiares y gen□tica cardiovascular. *REC: CardioClinics*, **2021**, 56, 9-14	0.2
1	Genotype-phenotype correlations in hypertrophic cardiomyopathy: a multicenter study in Portugal and Spain of the TPM1 p.Arg21Leu variant. *Revista Espanola De Cardiologia (English Ed)*, **2021**, 75, 242-242	0.7