Georgia Sarquella-Brugada

List of Publications by Citations

113 papers	2,421 citations	25 h-index	46 g-index
128 ext. papers	3,338 ext. citations	3.9 avg, IF	4.66 L-index

#	Paper	IF	Citations
113	2019 ESC Guidelines for the management of patients with supraventricular tachycardiaThe Task Force for the management of patients with supraventricular tachycardia of the European Society of Cardiology (ESC). *European Heart Journal*, **2020**, 41, 655-720	9.5	267
112	Pharmacological and non-pharmacological therapy for arrhythmias in the pediatric population: EHRA and AEPC-Arrhythmia Working Group joint consensus statement. *Europace*, **2013**, 15, 1337-82	3.9	190
111	Present Status of Brugada Syndrome: JACC State-of-the-Art Review. *Journal of the American College of Cardiology*, **2018**, 72, 1046-1059	15.1	165
110	Arrhythmias in congenital heart disease: a position paper of the European Heart Rhythm Association (EHRA), Association for European Paediatric and Congenital Cardiology (AEPC), and the European Society of Cardiology (ESC) Working Group on Grown-up Congenital heart disease, endorsed by HRS, PACES, APHRS, and SOLAECE. *Europace*, **2018**, 20, 1719-1753	3.9	120
109	Electrical Substrate Elimination in 135 Consecutive Patients With Brugada Syndrome. *Circulation: Arrhythmia and Electrophysiology*, **2017**, 10, e005053	6.4	112
108	Brugada syndrome. *Methodist DeBakey Cardiovascular Journal*, **2014**, 10, 25-8	2.1	79
107	Brugada syndrome: clinical and genetic findings. *Genetics in Medicine*, **2016**, 18, 3-12	8.1	73
106	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
105	Cardiac Channelopathies and Sudden Death: Recent Clinical and Genetic Advances. *Biology*, **2017**, 6,	4.9	63
104	Outcomes and safety of transcatheter pulmonary valve replacement in patients with large patched right ventricular outflow tracts. *Archives of Cardiovascular Diseases*, **2012**, 105, 404-13	2.7	60
103	Genetic basis of dilated cardiomyopathy. *International Journal of Cardiology*, **2016**, 224, 461-472	3.2	50
102	Fever-related arrhythmic events in the multicenter Survey on Arrhythmic Events in Brugada Syndrome. *Heart Rhythm*, **2018**, 15, 1394-1401	6.7	49
101	Genetics of arrhythmogenic right ventricular cardiomyopathy. *Journal of Medical Genetics*, **2013**, 50, 280-288	5.8	47
100	Arrhythmogenic right ventricular cardiomyopathy: severe structural alterations are associated with inflammation. *Journal of Clinical Pathology*, **2012**, 65, 1077-83	3.9	46
99	Selective propensity of bovine jugular vein material to bacterial adhesions: An in-vitro study. *International Journal of Cardiology*, **2015**, 198, 201-5	3.2	42
98	Age of First Arrhythmic Event in Brugada Syndrome: Data From the SABRUS (Survey on Arrhythmic Events in Brugada Syndrome) in 678 Patients. *Circulation: Arrhythmia and Electrophysiology*, **2017**, 10,	6.4	39
97	Profile of patients with Brugada syndrome presenting with their first documented arrhythmic event: Data from the Survey on Arrhythmic Events in BRUgada Syndrome (SABRUS). *Heart Rhythm*, **2018**, 15, 716-724	6.7	36

96	Gender differences in patients with Brugada syndrome and arrhythmic events: Data from a survey on arrhythmic events in 678 patients. *Heart Rhythm*, **2018**, 15, 1457-1465	6.7	36
95	Natural and Undetermined Sudden Death: Value of Post-Mortem Genetic Investigation. *PLoS ONE*, **2016**, 11, e0167358	3.7	36
94	Recent Advances in Short QT Syndrome. *Frontiers in Cardiovascular Medicine*, **2018**, 5, 149	5.4	36
93	Post-mortem genetic analysis in juvenile cases of sudden cardiac death. *Forensic Science International*, **2014**, 245, 30-7	2.6	34
92	Characterization and Management of Arrhythmic Events in Young Patients With Brugada Syndrome. *Journal of the American College of Cardiology*, **2019**, 73, 1756-1765	15.1	33
91	Utilidad del ecocardiograma en la revisi□ preparticipativa de deportistas de competici□. *Revista Espanola De Cardiologia*, **2014**, 67, 701-705	1.5	29
90	Transethnic Genome-Wide Association Study Provides Insights in the Genetic Architecture and Heritability of Long QT Syndrome. *Circulation*, **2020**, 142, 324-338	16.7	27
89	A Genetically Vulnerable Myocardium May Predispose to Myocarditis. *Journal of the American College of Cardiology*, **2015**, 66, 2913-2914	15.1	26
88	Patients With Brugada Syndrome and Implanted Cardioverter-Defibrillators: Long-Term Follow-Up. *Journal of the American College of Cardiology*, **2017**, 70, 1991-2002	15.1	25
87	Genetics of channelopathies associated with sudden cardiac death. *Global Cardiology Science & Practice*, **2015**, 2015, 39	0.7	23
86	Identification of Genetic Alterations, as Causative Genetic Defects in Long QT Syndrome, Using Next Generation Sequencing Technology. *PLoS ONE*, **2014**, 9, e114894	3.7	23
85	Reanalysis and reclassification of rare genetic variants associated with inherited arrhythmogenic syndromes. *EBioMedicine*, **2020**, 54, 102732	8.8	21
84	Sudden infant death syndrome caused by cardiac arrhythmias: only a matter of genes encoding ion channels?. *International Journal of Legal Medicine*, **2016**, 130, 415-20	3.1	20
83	Prevention of sudden death in adolescent athletes: Incremental diagnostic value and cost-effectiveness of diagnostic tests. *European Journal of Preventive Cardiology*, **2017**, 24, 1446-1454	3.9	20
82	Update on Genetic Basis of Brugada Syndrome: Monogenic, Polygenic or Oligogenic?. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	20
81	A novel mutation in lamin a/c causing familial dilated cardiomyopathy associated with sudden cardiac death. *Journal of Cardiac Failure*, **2015**, 21, 217-25	3.3	19
80	Comprehensive Genetic Characterization of a Spanish Brugada Syndrome Cohort. *PLoS ONE*, **2015**, 10, e0132888	3.7	19
79	Natural History and Risk Stratification in Andersen-Tawil Syndrome Type 1. *Journal of the American College of Cardiology*, **2020**, 75, 1772-1784	15.1	18

78	Large Genomic Imbalances in Brugada Syndrome. *PLoS ONE*, **2016**, 11, e0163514	3.7	18
77	Genetic interpretation and clinical translation of minor genes related to Brugada syndrome. *Human Mutation*, **2019**, 40, 749-764	4.7	17
76	Role of copy number variants in sudden cardiac death and related diseases: genetic analysis and translation into clinical practice. *European Journal of Human Genetics*, **2018**, 26, 1014-1025	5.3	17
75	Short QT Syndrome: A Comprehensive Genetic Interpretation and Clinical Translation of Rare Variants. *Journal of Clinical Medicine*, **2019**, 8,	5.1	17
74	The role of clinical, genetic and segregation evaluation in sudden infant death. *Forensic Science International*, **2014**, 242, 9-15	2.6	17
73	Genetics of sudden cardiac death in children and young athletes. *Cardiology in the Young*, **2013**, 23, 159-73	1	17
72	Clinical Features and Natural History of PRKAG2 Variant Cardiac Glycogenosis. *Journal of the American College of Cardiology*, **2020**, 76, 186-197	15.1	16
71	Stop-gain mutations in PKP2 are associated with a later age of onset of arrhythmogenic right ventricular cardiomyopathy. *PLoS ONE*, **2014**, 9, e100560	3.7	16
70	Ethnic differences in patients with Brugada syndrome and arrhythmic events: New insights from Survey on Arrhythmic Events in Brugada Syndrome. *Heart Rhythm*, **2019**, 16, 1468-1474	6.7	14
69	Congenital heart block related to maternal autoantibodies: descriptive analysis of a series of 18 cases from a single center. *Clinical Rheumatology*, **2016**, 35, 351-6	3.9	13
68	Enhancing rare variant interpretation in inherited arrhythmias through quantitative analysis of consortium disease cohorts and population controls. *Genetics in Medicine*, **2021**, 23, 47-58	8.1	13
67	Short QT syndrome in pediatrics. *Clinical Research in Cardiology*, **2017**, 106, 393-400	6.1	12
66	Genetic analysis, in silico prediction, and family segregation in long QT syndrome. *European Journal of Human Genetics*, **2015**, 23, 79-85	5.3	12
65	Advances in paediatric interventional cardiology since 2000. *Archives of Cardiovascular Diseases*, **2009**, 102, 569-82	2.7	12
64	Sudden Arrhythmic Death During Exercise: A Post-Mortem Genetic Analysis. *Sports Medicine*, **2017**, 47, 2101-2115	10.6	10
63	Short QT and atrial fibrillation: A mutation-specific disease. Late follow-up in three unrelated children. *HeartRhythm Case Reports*, **2015**, 1, 193-197	1	10
62	Sudden Cardiac Death and Copy Number Variants: What Do We Know after 10 Years of Genetic Analysis?. *Forensic Science International: Genetics*, **2020**, 47, 102281	4.3	10
61	Clinical interpretation of genetic variants in arrhythmogenic right ventricular cardiomyopathy. *Clinical Research in Cardiology*, **2015**, 104, 288-303	6.1	9

60	Consens per a la prevenció de la mort sobtada cardíaca en els esportistes. *Apunts Medicine De L'Esport*, **2013**, 48, 35-41	0.6	9
59	Impact of right ventricular outflow tract size and substrate on outcomes of percutaneous pulmonary valve implantation. *Archives of Cardiovascular Diseases*, **2013**, 106, 19-26	2.7	9
58	Usefulness of echocardiography in preparticipation screening of competitive athletes. *Revista Espanola De Cardiologia (English Ed)*, **2014**, 67, 701-5	0.7	9
57	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
56	Characterizing the spectrum of right ventricular remodelling in response to chronic training. *International Journal of Cardiovascular Imaging*, **2017**, 33, 331-339	2.5	8
55	Genetics of inherited arrhythmias in pediatrics. *Current Opinion in Pediatrics*, **2015**, 27, 665-74	3.2	8
54	Single-catheter radiofrequency ablation of a permanent junctional reciprocating tachycardia in a premature neonate. *Cardiology in the Young*, **2012**, 22, 606-9	1	7
53	Molecular autopsy in a cohort of infants died suddenly at rest. *Forensic Science International: Genetics*, **2018**, 37, 54-63	4.3	6
52	Ultrasonographic diagnosis of delayed atrioventricular conduction during fetal life: a reliability study. *American Journal of Obstetrics and Gynecology*, **2010**, 203, 174.e1-7	6.4	6
51	Genotype Predicts Outcomes in Fetuses and Neonates With Severe Congenital Long QT Syndrome. *JACC: Clinical Electrophysiology*, **2020**, 6, 1561-1570	4.6	6
50	Effect of dual-chamber pacemaker implantation on aortic dilatation in patients with congenital heart block. *American Journal of Cardiology*, **2014**, 114, 1573-7	3	5
49	Ventricular dyssynchrony and function improve following catheter ablation of nonseptal accessory pathways in children. *BioMed Research International*, **2013**, 2013, 158621	3	5
48	Bases genéticas de las arritmias malignas y las miocardiopatías. *Revista Espanola De Cardiologia*, **2009**, 62, 422-436	1.5	5
47	Electrocardiographic Assessment and Genetic Analysis in Neonates: a Current Topic of Discussion. *Current Cardiology Reviews*, **2019**, 15, 30-37	2.4	5
46	The role of clinical assessment and electrophysiology study in Brugada syndrome patients with syncope. *American Heart Journal*, **2020**, 220, 213-223	4.9	5
45	Aortic root remodelling in competitive athletes. *European Journal of Preventive Cardiology*, **2020**, 27, 1518-1526	3.9	5
44	Association for European Paediatric and Congenital Cardiology recommendations for basic training in paediatric and congenital cardiology 2020. *Cardiology in the Young*, **2020**, 30, 1572-1587	1	5
43	Update on the Diagnostic Pitfalls of Autopsy and Post-Mortem Genetic Testing in Cardiomyopathies. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5

42	The Utilization of an Insertable Cardiac Monitor in a Child With Pallid Breath-Holding Spells. *Pediatric Neurology*, **2016**, 64, 80-82	2.9	5
41	Brugada Syndrome: anesthetic considerations and management algorithm. *Minerva Anestesiologica*, **2019**, 85, 173-188	1.9	5
40	Personalized Interpretation and Clinical Translation of Genetic Variants Associated With Cardiomyopathies. *Frontiers in Genetics*, **2019**, 10, 450	4.5	4
39	Digenic Heterozigosity in SCN5A and CACNA1C Explains the Variable Expressivity of the Long QT Phenotype in a Spanish Family. *Revista Espanola De Cardiologia (English Ed)*, **2019**, 72, 324-332	0.7	4
38	Long-term prognosis of women with Brugada syndrome and electrophysiological study. *Heart Rhythm*, **2021**, 18, 664-671	6.7	4
37	Personalized Genetic Diagnosis of Congenital Heart Defects in Newborns. *Journal of Personalized Medicine*, **2021**, 11,	3.6	4
36	Genetic Variants as Sudden-Death Risk Markers in Inherited Arrhythmogenic Syndromes: Personalized Genetic Interpretation. *Journal of Clinical Medicine*, **2020**, 9,	5.1	3
35	The underestimated potential of Doppler ultrasound to assess fetal arrhythmia: first report of a prenatal, transient, atypical atrioventricular block. *Heart Rhythm*, **2009**, 6, 1226-8	6.7	3
34	Rare Variants Associated with Arrhythmogenic Cardiomyopathy: Reclassification Five Years Later. *Journal of Personalized Medicine*, **2021**, 11,	3.6	3
33	Evaluation of age at symptom onset, proband status, and sex as predictors of disease severity in pediatric catecholaminergic polymorphic ventricular tachycardia. *Heart Rhythm*, **2021**, 18, 1825-1832	6.7	3
32	Circulating circRNA as biomarkers for dilated cardiomyopathy etiology. *Journal of Molecular Medicine*, **2021**, 99, 1711-1725	5.5	3
31	Can sudden cardiac death in the young be predicted and prevented? Lessons from autopsy for the emergency physician. *Emergencias*, **2018**, 30, 194-200	0.9	3
30	A novel variant in RyR2 causes familiar catecholaminergic polymorphic ventricular tachycardia. *Forensic Science International*, **2017**, 270, 173-177	2.6	2
29	Double venous drainage in scimitar syndrome. Ideal anatomy for percutaneous complete cure. *Cardiology in the Young*, **2011**, 21, 357-60	1	2
28	Response to "Resolution of dyssynchronous left ventricular failure via cardiac resynchronization and subsequent radiofrequency ablation in an infant with preexcitation". *Pediatric Cardiology*, **2010**, 31, 1257	2.1	2
27	Importance of Dedicated Units for the Management of Patients With Inherited Arrhythmia Syndromes. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003313	5.2	2
26	Pediatric Malignant Arrhythmias Caused by Rare Homozygous Genetic Variants in : A Comprehensive Interpretation. *Frontiers in Pediatrics*, **2020**, 8, 601708	3.4	2
25	Plasma idebenone monitoring in Friedreich's ataxia patients during a long-term follow-up. *Biomedicine and Pharmacotherapy*, **2021**, 143, 112143	7.5	2

24	Genetic analysis in post-mortem samples with micro-ischemic alterations. *Forensic Science International*, **2017**, 271, 120-125	2.6	1
23	Long-term outcome of neonates and infants with permanent junctional reciprocating tachycardia. When cardiac ablation changes natural history. *Journal of Electrocardiology*, **2019**, 56, 85-89	1.4	1
22	Aortic thrombosis successfully treated with local recombinant tissue plasminogen activator in a newborn. *Journal of Thrombosis and Thrombolysis*, **2015**, 39, 251-3	5.1	1
21	Clinical Genetics of Inherited Arrhythmogenic Disease in the Pediatric Population.. *Biomedicines*, **2022**, 10,	4.8	1
20	Brugada Syndrome 1992□2012 **2014**, 925-933		1
19	Early Identification of Prolonged QT Interval for Prevention of Sudden Infant Death. *Frontiers in Pediatrics*, **2021**, 9, 704580	3.4	1
18	Clinical impact of rare variants associated with inherited channelopathies: a 5-year update. *Human Genetics*, **2021**, 1	6.3	1
17	Prevalence of Pathogenic Variants in Cardiomyopathy-Associated Genes in Myocarditis.. *Circulation Genomic and Precision Medicine*, **2022**, 101161CIRCGEN121003408	5.2	1
16	Hemodynamic changes alert to spontaneous ductus arteriosus spasm. *Revista Espanola De Cardiologia (English Ed)*, **2013**, 66, 743	0.7	0
15	Can Sudden Cardiac Death Risk in the Young be Identified in the Emergency Department?. *Journal of Emergency Nursing*, **2020**, 46, 105-110	1.3	0
14	Genotype-Phenotype Correlation of Genotype in Patients With Brugada Syndrome and Arrhythmic Events: Insights From the SABRUS in 392 Probands. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003222	5.2	0
13	Brugada Syndrome in Women: What Do We Know After 30 Years?. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 874992	5.4	0
12	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
11	Contraindicaciones cardiol□gicas para la pr□ctica deportiva. *Apunts Medicine De L□Esport*, **2017**, 52, 11-16	0.6	
10	Electrocardiogram in Newborns: Beneficial or Not?. *Pediatric Cardiology*, **2019**, 40, 1320-1321	2.1	
9	Nueve casos de origen an□malo de una arteria coronaria. *Cirugia Cardiovascular*, **2014**, 21, 204-208	0.1	
8	Identity crisis of a Mullins Balloon. Is it a balloon-in-balloon catheter?. *Revista Espanola De Cardiologia*, **2011**, 64, 249	1.5	
7	Brugada Syndrome **2020**, 231-246		

6	Brugada Syndrome **2016**, 175-191	
5	Clinical Genetics in Congenital Heart Disease **2010**, 259-270	
4	Ventricular Tachycardiac and Sudden Arrhythmic Death **2014**, 2971-2998	
3	Paediatric arrhythmology: a challenge of the 21st century. *Anales De Pediatr (English Edition)*, **2020**, 92, 1-2	0.4
2	Ventricular Repolarization Parameters and Coronary Involvement in Kawasaki Disease. *Journal of Pediatrics*, **2021**, 236, 108-112.e5	3.6
1	Pediatric Left Posteroseptal Accessory Pathway Ablation from Giant Coronary Sinus with Persistent Left Superior Cava.. *Journal of Cardiovascular Development and Disease*, **2022**, 9,	4.2