Oscar Campuzano

List of Publications by Year
in descending order

139 papers	3,849 citations	125106 35 h-index	198040 52 g-index
154 all docs	154 docs citations	154 times ranked	5426 citing authors

#	Article	IF	Citations
1	Clinical impact of rare variants associated with inherited channelopathies: a 5-year update. Human Genetics, 2022, 141, 1579-1589.	1.8	11
2	Clinical Genetics of Inherited Arrhythmogenic Disease in the Pediatric Population. Biomedicines, 2022, 10, 106.	1.4	9
3	miR-16-5p Suppression Protects Human Cardiomyocytes against Endoplasmic Reticulum and Oxidative Stress-Induced Injury. International Journal of Molecular Sciences, 2022, 23, 1036.	1.8	16
4	Discerning the Ambiguous Role of Missense TTN Variants in Inherited Arrhythmogenic Syndromes. Journal of Personalized Medicine, 2022, 12, 241.	1.1	2
5	Genome-wide association analyses identify new Brugada syndrome risk loci and highlight a new mechanism of sodium channel regulation in disease susceptibility. Nature Genetics, 2022, 54, 232-239.	9.4	55
6	BAG3 Genetic Cardiomyopathy May Overlap Fulminant Myocarditis Clinical Findings. Circulation: Heart Failure, 2022, 15, e008443.	1.6	1
7	Pediatric Left Posteroseptal Accessory Pathway Ablation from Giant Coronary Sinus with Persistent Left Superior Cava. Journal of Cardiovascular Development and Disease, 2022, 9, 109.	0.8	0
8	Rare variants in genes encoding structural myocyte contribute to a thickened ventricular septum in sudden death population without ventricular alterations. Forensic Science International: Genetics, 2022, 58, 102688.	1.6	3
9	Brugada Syndrome in Women: What Do We Know After 30 Years?. Frontiers in Cardiovascular Medicine, 2022, 9, 874992.	1.1	5
10	Prevalence of Pathogenic Variants in Cardiomyopathy-Associated Genes in Myocarditis. Circulation Genomic and Precision Medicine, 2022, 15, 101161CIRCGEN121003408.	1.6	13
11	AnÃ¡lisis clÃnico e histopatolÃ³gico de la prevalencia de enfermedades cardiacas en muerte sÃºbita. Estudio en autopsias. Repertorio De Medicina Y Cirugia, 2022, 31, 161-169.	0.0	0
12	Brugada Syndrome. Methodist DeBakey Cardiovascular Journal, 2021, 10, 25.	0.5	110
13	Enhancing rare variant interpretation in inherited arrhythmias through quantitative analysis of consortium disease cohorts and population controls. Genetics in Medicine, 2021, 23, 47-58.	1.1	57
14	Malignant Arrhythmogenic Role Associated with RBM20: A Comprehensive Interpretation Focused on a Personalized Approach. Journal of Personalized Medicine, 2021, 11, 130.	1.1	4
15	Rare Variants Associated with Arrhythmogenic Cardiomyopathy: Reclassification Five Years Later. Journal of Personalized Medicine, 2021, 11, 162.	1.1	13
16	The Peguero–Lo Presti ECG criteria improve diagnostic accuracy of left ventricular hypertrophy in hypertrophic cardiomyopathy patients. Journal of Cardiovascular Medicine, 2021, Publish Ahead of Print, 946-947.	0.6	1
17	Update on the Diagnostic Pitfalls of Autopsy and Post-Mortem Genetic Testing in Cardiomyopathies. International Journal of Molecular Sciences, 2021, 22, 4124.	1.8	17
18	Plasma microrna expression profile for reduced ejection fraction in dilated cardiomyopathy. Scientific Reports, 2021, 11, 7517.	1.6	12

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19	Sudden Death without a Clear Cause after Comprehensive Investigation: An Example of Forensic Approach to Atypical/Uncertain Findings. Diagnostics, 2021, 11, 886.	1.3	8
20	Personalized Genetic Diagnosis of Congenital Heart Defects in Newborns. Journal of Personalized Medicine, 2021, 11, 562.	1.1	9
21	Early Identification of Prolonged QT Interval for Prevention of Sudden Infant Death. Frontiers in Pediatrics, 2021, 9, 704580.	0.9	3
22	Circulating circRNA as biomarkers for dilated cardiomyopathy etiology. Journal of Molecular Medicine, 2021, 99, 1711-1725.	1.7	9
23	Inflammation in the Pathogenesis of Arrhythmogenic Cardiomyopathy: Secondary Event or Active Driver?. Frontiers in Cardiovascular Medicine, 2021, 8, 784715.	1.1	14
24	The role of clinical assessment and electrophysiology study in Brugada syndrome patients with syncope. American Heart Journal, 2020, 220, 213-223.	1.2	15
25	Update on Genetic Basis of Brugada Syndrome: Monogenic, Polygenic or Oligogenic?. International Journal of Molecular Sciences, 2020, 21, 7155.	1.8	36
26	Peripheral microRNA panels to guide the diagnosis of familial cardiomyopathy. Translational Research, 2020, 218, 1-15.	2.2	14
27	Transethnic Genome-Wide Association Study Provides Insights in the Genetic Architecture and Heritability of Long QT Syndrome. Circulation, 2020, 142, 324-338.	1.6	83
28	Genetic Variants as Sudden-Death Risk Markers in Inherited Arrhythmogenic Syndromes: Personalized Genetic Interpretation. Journal of Clinical Medicine, 2020, 9, 1866.	1.0	5
29	Lamotrigine induced Brugada-pattern in a patient with genetic epilepsy associated with a novel variant in SCN9A. Gene, 2020, 754, 144847.	1.0	14
30	Clinical Features and Natural History of PRKAG2 Variant Cardiac Glycogenosis. Journal of the American College of Cardiology, 2020, 76, 186-197.	1.2	45
31	Sudden Cardiac Death and Copy Number Variants: What Do We Know after 10 Years of Genetic Analysis?. Forensic Science International: Genetics, 2020, 47, 102281.	1.6	20
32	Natural History and Risk Stratification in Andersen-Tawil Syndrome Type 1. Journal of the American College of Cardiology, 2020, 75, 1772-1784.	1.2	44
33	Genetic variants of uncertain significance: How to match scientific rigour and standard of proof in sudden cardiac death?. Legal Medicine, 2020, 45, 101712.	0.6	22
34	Reanalysis and reclassification of rare genetic variants associated with inherited arrhythmogenic syndromes. EBioMedicine, 2020, 54, 102732.	2.7	46
35	Pediatric Malignant Arrhythmias Caused by Rare Homozygous Genetic Variants in TRDN: A Comprehensive Interpretation. Frontiers in Pediatrics, 2020, 8, 601708.	0.9	3
36	Brugada Syndrome. , 2020, , 231-246.		0

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37	Short QT Syndrome: A Comprehensive Genetic Interpretation and Clinical Translation of Rare Variants. Journal of Clinical Medicine, 2019, 8, 1035.	1.0	33
38	Electrocardiogram in Newborns: Beneficial or Not?. Pediatric Cardiology, 2019, 40, 1320-1321.	0.6	2
39	Personalized Interpretation and Clinical Translation of Genetic Variants Associated With Cardiomyopathies. Frontiers in Genetics, 2019, 10, 450.	1.1	6
40	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.	0.4	8
41	Update on the Genetic Basis of Sudden Unexpected Death in Epilepsy. International Journal of Molecular Sciences, 2019, 20, 1979.	1.8	36
42	Genetic interpretation and clinical translation of minor genes related to Brugada syndrome. Human Mutation, 2019, 40, 749-764.	1.1	32
43	Brugada Syndrome: anesthetic considerations and management algorithm. Minerva Anestesiologica, 2019, 85, 173-188.	0.6	10
44	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.	1.4	26
45	Sudden cardiac death of arrhythmic origin: Value of post-mortem genetic analysis. Spanish Journal of Legal Medicine, 2018, 44, 32-37.	0.4	2
46	La flecainida reduce las arritmias ventriculares en pacientes con taquicardia ventricular polimÃ³rfica catecolaminÃ©rgica genotipo RyR2 positivo. Revista Espanola De Cardiologia, 2018, 71, 185-191.	0.6	7
47	Electroanatomic and Pathologic Right Ventricular Outflow Tract Abnormalities in Patients With Brugada Syndrome. Journal of the American College of Cardiology, 2018, 72, 2747-2757.	1.2	60
48	Recent Advances in Short QT Syndrome. Frontiers in Cardiovascular Medicine, 2018, 5, 149.	1.1	60
49	Molecular autopsy in a cohort of infants died suddenly at rest. Forensic Science International: Genetics, 2018, 37, 54-63.	1.6	10
50	Plasma microRNAs as biomarkers for Lamin A/C-related dilated cardiomyopathy. Journal of Molecular Medicine, 2018, 96, 845-856.	1.7	28
51	Incomplete Penetrance and Variable Expressivity: Hallmarks in Channelopathies Associated with Sudden Cardiac Death. Biology, 2018, 7, 3.	1.3	25
52	Role of genetic and electrolyte abnormalities in prolonged QTc interval and sudden cardiac death in end-stage renal disease patients. PLoS ONE, 2018, 13, e0200756.	1.1	11
53	Present Status of Brugada Syndrome. Journal of the American College of Cardiology, 2018, 72, 1046-1059.	1.2	291
54	Electrocardiographic Assessment and Genetic Analysis in Neonates: a Current Topic of Discussion. Current Cardiology Reviews, 2018, 15, 30-37.	0.6	5

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55	Genetic analysis in post-mortem samples with micro-ischemic alterations. Forensic Science International, 2017, 271, 120-125.	1.3	1
56	Usefulness of Genetic Testing in Hypertrophic Cardiomyopathy: an Analysis Using Real-World Data. Journal of Cardiovascular Translational Research, 2017, 10, 35-46.	1.1	10
57	Juvenile myoclonic epilepsy and Brugada type 1 ECG pattern associated with (a novel) plakophillin 2 mutation. Journal of Neurology, 2017, 264, 792-795.	1.8	6
58	Sudden Arrhythmic Death During Exercise: A Post-Mortem Genetic Analysis. Sports Medicine, 2017, 47, 2101-2115.	3.1	11
59	Update about atrial fibrillation genetics. Current Opinion in Cardiology, 2017, 32, 246-252.	0.8	11
60	Sudden death due to catecholaminergic polymorphic ventricular tachycardia following negative stress-test outcome: genetics and clinical implications. Forensic Science, Medicine, and Pathology, 2017, 13, 217-225.	0.6	5
61	Reply to letter to editor: â€œGenetic basis of dilated cardiomyopathyâ€• International Journal of Cardiology, 2017, 229, 32.	0.8	0
62	Lafora Disease Is an Inherited Metabolic Cardiomyopathy. Journal of the American College of Cardiology, 2017, 69, 3007-3009.	1.2	6
63	Short QT syndrome in pediatrics. Clinical Research in Cardiology, 2017, 106, 393-400.	1.5	18
64	A novel variant in RyR2 causes familiar catecholaminergic polymorphic ventricular tachycardia. Forensic Science International, 2017, 270, 173-177.	1.3	2
65	Patients With Brugada Syndrome and Implanted Cardioverter-Defibrillators. Journal of the American College of Cardiology, 2017, 70, 1991-2002.	1.2	34
66	Familial dilated cardiomyopathy: A multidisciplinary entity, from basic screening to novel circulating biomarkers. International Journal of Cardiology, 2017, 228, 870-880.	0.8	20
67	Medico-legal perspectives on sudden cardiac death in young athletes. International Journal of Legal Medicine, 2017, 131, 393-409.	1.2	21
68	Cardiac Channelopathies and Sudden Death: Recent Clinical and Genetic Advances. Biology, 2017, 6, 7.	1.3	88
69	Wolff-Parkinson-White Syndrome with Ventricular Hypertrophy in a Brazilian Family. American Journal of Case Reports, 2017, 18, 766-776.	0.3	11
70	Additional value of screening for minor genes and copy number variants in hypertrophic cardiomyopathy. PLoS ONE, 2017, 12, e0181465.	1.1	32
71	Targeted next-generation sequencing provides novel clues for associated epilepsy and cardiac conduction disorder/SUDEP. PLoS ONE, 2017, 12, e0189618.	1.1	32
72	Familial Dilated Cardiomyopathy Caused by a Novel Frameshift in the BAG3 Gene. PLoS ONE, 2016, 11, e0158730.	1.1	33

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73	Large Genomic Imbalances in Brugada Syndrome. PLoS ONE, 2016, 11, e0163514.	1.1	23
74	Brugada Syndrome and PKP2: Evidences and uncertainties. International Journal of Cardiology, 2016, 214, 403-405.	0.8	16
75	Genetic basis of atrial fibrillation. Genes and Diseases, 2016, 3, 257-262.	1.5	19
76	Genetic basis of dilated cardiomyopathy. International Journal of Cardiology, 2016, 224, 461-472.	0.8	67
77	Proteomic identification of putative biomarkers for early detection of sudden cardiac death in a family with a LMNA gene mutation causing dilated cardiomyopathy. Journal of Proteomics, 2016, 148, 75-84.	1.2	13
78	Molecular disturbance underlies to arrhythmogenic cardiomyopathy induced by transgene content, age and exercise in a truncated PKP2 mouse model. Human Molecular Genetics, 2016, 25, 3676-3688.	1.4	23
79	Sudden infant death syndrome caused by cardiac arrhythmias: only a matter of genes encoding ion channels?. International Journal of Legal Medicine, 2016, 130, 415-420.	1.2	28
80	Genetic investigation of sudden unexpected death in epilepsy cohort by panel target resequencing. International Journal of Legal Medicine, 2016, 130, 331-339.	1.2	49
81	Brugada syndrome: clinical and genetic findings. Genetics in Medicine, 2016, 18, 3-12.	1.1	102
82	Natural and Undetermined Sudden Death: Value of Post-Mortem Genetic Investigation. PLoS ONE, 2016, 11, e0167358.	1.1	62
83	Brugada Syndrome. , 2016, , 175-191.		0
84	Genetics of channelopathies associated with sudden cardiac death. Global Cardiology Science & Practice, 2015, 2015, 39.	0.3	29
85	Determining the Pathogenicity of Genetic Variants Associated with Cardiac Channelopathies. Scientific Reports, 2015, 5, 7953.	1.6	44
86	Corrigendum to â€œFurther evidence of the association between LQT syndrome and epilepsy in a family with KCNQ1 pathogenic variantâ€•[Seizure 25 (2015) 65â€“67]. Seizure: the Journal of the British Epilepsy Association, 2015, 30, 136.	0.9	0
87	Genetics of inherited arrhythmias in pediatrics. Current Opinion in Pediatrics, 2015, 27, 665-674.	1.0	10
88	Rare Titin (TTN) Variants in Diseases Associated with Sudden Cardiac Death. International Journal of Molecular Sciences, 2015, 16, 25773-25787.	1.8	16
89	Genetic Analysis of Arrhythmogenic Diseases in the Era of NGS: The Complexity of Clinical Decision-Making in Brugada Syndrome. PLoS ONE, 2015, 10, e0133037.	1.1	46
90	Comprehensive Genetic Characterization of a Spanish Brugada Syndrome Cohort. PLoS ONE, 2015, 10, e0132888.	1.1	25

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91	A Genetically Vulnerable Myocardium May Predispose to Myocarditis. Journal of the American College of Cardiology, 2015, 66, 2913-2914.	1.2	41
92	Further evidence of the association between LQT syndrome and epilepsy in a family with KCNQ1 pathogenic variant. Seizure: the Journal of the British Epilepsy Association, 2015, 25, 65-67.	0.9	58
93	Genetic and toxicologic investigation of Sudden Cardiac Death in a patient with Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC) under cocaine and alcohol effects. International Journal of Legal Medicine, 2015, 129, 89-96.	1.2	10
94	Clinical and molecular characterization of a cardiac ryanodine receptor founder mutation causing catecholaminergic polymorphic ventricular tachycardia. Heart Rhythm, 2015, 12, 1636-1643.	0.3	38
95	Age, Genetics, and Fibrosis in the BrugadaÂSyndrome âˆ—. Journal of the American College of Cardiology, 2015, 66, 1987-1989.	1.2	5
96	Short QT and atrial fibrillation: A KCNQ1 mutationâ€“specific disease. Late follow-up in three unrelated children. HeartRhythm Case Reports, 2015, 1, 193-197.	0.2	12
97	A Novel Mutation in Lamin A/C Causing Familial Dilated Cardiomyopathy Associated With Sudden Cardiac Death. Journal of Cardiac Failure, 2015, 21, 217-225.	0.7	24
98	Genetic analysis, in silico prediction, and family segregation in long QT syndrome. European Journal of Human Genetics, 2015, 23, 79-85.	1.4	16
99	Clinical interpretation of genetic variants in arrhythmogenic right ventricular cardiomyopathy. Clinical Research in Cardiology, 2015, 104, 288-303.	1.5	13
100	Genetic and forensic implications in epilepsy and cardiac arrhythmias: a case series. International Journal of Legal Medicine, 2015, 129, 495-504.	1.2	40
101	Sequenom MassARRAY approach in the arrhythmogenic right ventricular cardiomyopathy post-mortem setting: clinical and forensic implications. International Journal of Legal Medicine, 2015, 129, 1-10.	1.2	18
102	Dual Fatty Acid Synthase and HER2 Signaling Blockade Shows Marked Antitumor Activity against Breast Cancer Models Resistant to Anti-HER2 Drugs. PLoS ONE, 2015, 10, e0131241.	1.1	48
103	Stop-Gain Mutations in PKP2 Are Associated with a Later Age of Onset of Arrhythmogenic Right Ventricular Cardiomyopathy. PLoS ONE, 2014, 9, e100560.	1.1	22
104	Identification of Genetic Alterations, as Causative Genetic Defects in Long QT Syndrome, Using Next Generation Sequencing Technology. PLoS ONE, 2014, 9, e114894.	1.1	26
105	Post-mortem genetic analysis in juvenile cases of sudden cardiac death. Forensic Science International, 2014, 245, 30-37.	1.3	44
106	A missense mutation in the sodium channel Î²1b subunit reveals SCN1B as a susceptibility gene underlying long QT syndrome. Heart Rhythm, 2014, 11, 1202-1209.	0.3	33
107	Negative autopsy and sudden cardiac death. International Journal of Legal Medicine, 2014, 128, 599-606.	1.2	71
108	The role of clinical, genetic and segregation evaluation in sudden infant death. Forensic Science International, 2014, 242, 9-15.	1.3	19

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109	Brugada syndrome and p.E61X_RANGRF. Cardiology Journal, 2014, 21, 121-127.	0.5	13
110	Ventricular Tachycardiac and Sudden Arrhythmic Death. , 2014, , 2971-2998.		0
111	Brugada Syndrome 1992â€“2012. , 2014, , 925-933.		1
112	Role of novel DSP_p.Q986X genetic variation in arrhythmogenic right ventricular cardiomyopathy. European Journal of Medical Genetics, 2013, 56, 541-545.	0.7	3
113	Pre- and Post-treatment with Cyclosporine a in a Rat Model of Transient Focal Cerebral Ischaemia with Multimodal MRI Screening. International Journal of Stroke, 2013, 8, 669-674.	2.9	24
114	Importance of post-mortem genetic testing in SUDEP patients. Forensic Science International: Genetics Supplement Series, 2013, 4, e354-e355.	0.1	1
115	Coexistence of epilepsy and Brugada syndrome in a family with SCN5A mutation. Epilepsy Research, 2013, 105, 415-418.	0.8	90
116	Syncope and polymorphic ventricular tachycardia in the setting of a febrile illness. Journal of Electrocardiology, 2013, 46, 666-669.	0.4	4
117	A Missense Mutation in the Sodium Channel Î²2 Subunit RevealsSCN2Bas a New Candidate Gene for Brugada Syndrome. Human Mutation, 2013, 34, 961-966.	1.1	96
118	Genetics of sudden cardiac death in children and young athletes. Cardiology in the Young, 2013, 23, 159-173.	0.4	24
119	Lossâ€ofâ€function <scp>KCNH</scp>2 mutation in a family with long <scp>QT</scp> syndrome, epilepsy, and sudden death. Epilepsia, 2013, 54, e112-6.	2.6	56
120	Genetics of arrhythmogenic right ventricular cardiomyopathy. Journal of Medical Genetics, 2013, 50, 280-289.	1.5	56
121	A Novel Missense Mutation, I890T, in the Pore Region of Cardiac Sodium Channel Causes Brugada Syndrome. PLoS ONE, 2013, 8, e53220.	1.1	22
122	Arrhythmogenic right ventricular cardiomyopathy: severe structural alterations are associated with inflammation. Journal of Clinical Pathology, 2012, 65, 1077-1083.	1.0	69
123	Genetic testing of candidate genes in arrhythmogenic right ventricular cardiomyopathy/dysplasia. European Journal of Medical Genetics, 2012, 55, 225-234.	0.7	15
124	Sarcomeric gene mutations in sudden infant death syndrome (SIDS). Forensic Science International, 2012, 219, 278-281.	1.3	44
125	Increase in sudden death from coronary artery disease in young adults. American Heart Journal, 2011, 161, 574-580.	1.2	56
126	Autopsy investigation and Bayesian approach to coronary artery disease in victims of motor-vehicle accidents. Atherosclerosis, 2011, 218, 28-32.	0.4	41

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127	Decreased myeloperoxidase expressing cells in the aged rat brain after excitotoxic damage. Experimental Gerontology, 2011, 46, 723-730.	1.2	16
128	Genetics of Brugada syndrome. Current Opinion in Cardiology, 2010, 25, 210-215.	0.8	34
129	Novel antiâ€fatty acid synthase compounds with antiâ€cancer activity in HER2⁺ breast cancer. Annals of the New York Academy of Sciences, 2010, 1210, 86-92.	1.8	27
130	Role of genetic testing in arrhythmogenic right ventricular cardiomyopathy/dysplasia. Clinical Genetics, 2010, 77, 37-48.	1.0	31
131	Genetics and cardiac channelopathies. Genetics in Medicine, 2010, 12, 260-267.	1.1	96
132	The Long QT Syndrome. , 2010, , 121-129.		1
133	Genetics of familial atrial fibrillation. Europace, 2009, 11, 1267-1271.	0.7	37
134	Increased levels of proinflammatory cytokines in the aged rat brain attenuate injuryâ€induced cytokine response after excitotoxic damage. Journal of Neuroscience Research, 2009, 87, 2484-2497.	1.3	80
135	The Genetic Basis of Malignant Arrhythmias and Cardiomyopathies. Revista Espanola De Cardiologia (English Ed), 2009, 62, 422-436.	0.4	1
136	Bases genÃ©ticas de las arritmias malignas y las miocardiopatÃas. Revista Espanola De Cardiologia, 2009, 62, 422-436.	0.6	5
137	Distinct pattern of microglial response, cyclooxygenaseâ€2, and inducible nitric oxide synthase expression in the aged rat brain after excitotoxic damage. Journal of Neuroscience Research, 2008, 86, 3170-3183.	1.3	30
138	Delayed neurodegeneration and early astrogliosis after excitotoxicity to the aged brain. Experimental Gerontology, 2007, 42, 343-354.	1.2	27
139	Negative Autopsy in Infant and Juvenile Population: Role of Cardiac Arrhythmias. , 0, , .		0