Luisa Mestroni

List of Publications by Citations

179 papers	9,353 citations	50 h-index	94 g-index
226 ext. papers	11,217 ext. citations	7.1 avg, IF	5.84 L-index

#	Paper	IF	Citations
179	Truncations of titin causing dilated cardiomyopathy. *New England Journal of Medicine*, **2012**, 366, 619-28	59.2	874
178	Genetic evaluation of cardiomyopathy--a Heart Failure Society of America practice guideline. *Journal of Cardiac Failure*, **2009**, 15, 83-97	3.3	388
177	SCN5A mutation associated with dilated cardiomyopathy, conduction disorder, and arrhythmia. *Circulation*, **2004**, 110, 2163-7	16.7	356
176	Natural history of dilated cardiomyopathy due to lamin A/C gene mutations. *Journal of the American College of Cardiology*, **2003**, 41, 771-80	15.1	333
175	Guidelines for the study of familial dilated cardiomyopathies. Collaborative Research Group of the European Human and Capital Mobility Project on Familial Dilated Cardiomyopathy. *European Heart Journal*, **1999**, 20, 93-102	9.5	313
174	Dilated Cardiomyopathy: Genetic Determinants and Mechanisms. *Circulation Research*, **2017**, 121, 731-748	15.7	306
173	Lamin A/C gene mutation associated with dilated cardiomyopathy with variable skeletal muscle involvement. *Circulation*, **2000**, 101, 473-6	16.7	269
172	Familial dilated cardiomyopathy: evidence for genetic and phenotypic heterogeneity. Heart Muscle Disease Study Group. *Journal of the American College of Cardiology*, **1999**, 34, 181-90	15.1	259
171	2019 HRS expert consensus statement on evaluation, risk stratification, and management of arrhythmogenic cardiomyopathy. *Heart Rhythm*, **2019**, 16, e301-e372	6.7	247
170	Beta-adrenergic neuroeffector abnormalities in the failing human heart are produced by local rather than systemic mechanisms. *Journal of Clinical Investigation*, **1992**, 89, 803-15	15.9	235
169	Genetic variation in titin in arrhythmogenic right ventricular cardiomyopathy-overlap syndromes. *Circulation*, **2011**, 124, 876-85	16.7	225
168	Carbon nanotubes promote growth and spontaneous electrical activity in cultured cardiac myocytes. *Nano Letters*, **2012**, 12, 1831-8	11.5	175
167	Alpha-myosin heavy chain: a sarcomeric gene associated with dilated and hypertrophic phenotypes of cardiomyopathy. *Circulation*, **2005**, 112, 54-9	16.7	167
166	Drug therapy in the heart transplant recipient: part II: immunosuppressive drugs. *Circulation*, **2004**, 110, 3858-65	16.7	160
165	A new locus for arrhythmogenic right ventricular dysplasia on the long arm of chromosome 14. *Genomics*, **1996**, 31, 193-200	4.3	160
164	SCN5A mutations associate with arrhythmic dilated cardiomyopathy and commonly localize to the voltage-sensing mechanism. *Journal of the American College of Cardiology*, **2011**, 57, 2160-8	15.1	157
163	Thymopoietin (lamina-associated polypeptide 2) gene mutation associated with dilated cardiomyopathy. *Human Mutation*, **2005**, 26, 566-74	4.7	148

162	A point mutation in the 5Tsplice site of the dystrophin gene first intron responsible for X-linked dilated cardiomyopathy. *Human Molecular Genetics*, **1996**, 5, 73-9	5.6	147
161	Prevalence of desmin mutations in dilated cardiomyopathy. *Circulation*, **2007**, 115, 1244-51	16.7	136
160	Evidence from family studies for autoimmunity in dilated cardiomyopathy. *Lancet, The*, **1994**, 344, 773-7	40	134
159	Danon disease: clinical features, evaluation, and management. *Circulation: Heart Failure*, **2014**, 7, 843-9	7.6	116
158	Multilevel analyses of SCN5A mutations in arrhythmogenic right ventricular dysplasia/cardiomyopathy suggest non-canonical mechanisms for disease pathogenesis. *Cardiovascular Research*, **2017**, 113, 102-111	9.9	111
157	Injectable Hydrogels for Cardiac Tissue Engineering. *Macromolecular Bioscience*, **2018**, 18, e1800079	5.5	110
156	Arrhythmogenic right ventricular cardiomyopathy: evaluation of the current diagnostic criteria and differential diagnosis. *European Heart Journal*, **2020**, 41, 1414-1429	9.5	110
155	Cardiomyopathy, familial dilated. *Orphanet Journal of Rare Diseases*, **2006**, 1, 27	4.2	109
154	Long-term effects of carvedilol in idiopathic dilated cardiomyopathy with persistent left ventricular dysfunction despite chronic metoprolol. The Heart-Muscle Disease Study Group. *Journal of the American College of Cardiology*, **1999**, 33, 1926-34	15.1	104
153	Carbon nanotubes instruct physiological growth and functionally mature syncytia: nongenetic engineering of cardiac myocytes. *ACS Nano*, **2013**, 7, 5746-56	16.7	92
152	A mutation in the dystrophin gene selectively affecting dystrophin expression in the heart. *Journal of Clinical Investigation*, **1995**, 96, 693-9	15.9	92
151	Prognostic predictors in arrhythmogenic right ventricular cardiomyopathy: results from a 10-year registry. *European Heart Journal*, **2011**, 32, 1105-13	9.5	91
150	Ventricular arrhythmias in dilated cardiomyopathy: efficacy of amiodarone. *American Heart Journal*, **1987**, 113, 707-15	4.9	89
149	Filamin C Truncation Mutations Are Associated With Arrhythmogenic Dilated Cardiomyopathy and Changes in the Cell-Cell Adhesion Structures. *JACC: Clinical Electrophysiology*, **2018**, 4, 504-514	4.6	84
148	Genetic Risk of Arrhythmic Phenotypes in Patients With Dilated Cardiomyopathy. *Journal of the American College of Cardiology*, **2019**, 74, 1480-1490	15.1	83
147	Arrhythmogenic Phenotype in Dilated Cardiomyopathy: Natural History and Predictors of Life-Threatening Arrhythmias. *Journal of the American Heart Association*, **2015**, 4, e002149	6	82
146	Linkage of familial dilated cardiomyopathy to chromosome 9. Heart Muscle Disease Study Group. *American Journal of Human Genetics*, **1995**, 57, 846-52	11	82
145	Genetics and genomics for the prevention and treatment of cardiovascular disease: update: a scientific statement from the American Heart Association. *Circulation*, **2013**, 128, 2813-51	16.7	76

144	Transcriptome analysis of human heart failure reveals dysregulated cell adhesion in dilated cardiomyopathy and activated immune pathways in ischemic heart failure. *BMC Genomics*, **2018**, 19, 812	4.5	76
143	2019 HRS expert consensus statement on evaluation, risk stratification, and management of arrhythmogenic cardiomyopathy: Executive summary. *Heart Rhythm*, **2019**, 16, e373-e407	6.7	73
142	Nested polymerase chain reaction for high-sensitivity detection of enteroviral RNA in biological samples. *Journal of Clinical Microbiology*, **1993**, 31, 1345-9	9.7	64
141	Ophthalmic manifestations of Danon disease. *Ophthalmology*, **2006**, 113, 1010-3	7.3	63
140	Low frequency of detection by nested polymerase chain reaction of enterovirus ribonucleic acid in endomyocardial tissue of patients with idiopathic dilated cardiomyopathy. *Journal of the American College of Cardiology*, **1994**, 24, 1033-40	15.1	63
139	Clinical Spectrum of PRKAG2 Syndrome. *Circulation: Arrhythmia and Electrophysiology*, **2016**, 9, e003121	6.4	62
138	Dystrophin gene abnormalities in two patients with idiopathic dilated cardiomyopathy. *Heart*, **1997**, 78, 608-12	5.1	62
137	Gene Splice Mutations Cause Dilated Cardiomyopathy. *JACC Basic To Translational Science*, **2016**, 1, 344-359	3.7	61
136	Clinical and pathologic study of familial dilated cardiomyopathy. *American Journal of Cardiology*, **1990**, 65, 1449-53	3	60
135	GENETIC CAUSES OF DILATED CARDIOMYOPATHY. *Progress in Pediatric Cardiology*, **2014**, 37, 13-18	0.4	58
134	A Review of the Giant Protein Titin in Clinical Molecular Diagnostics of Cardiomyopathies. *Frontiers in Cardiovascular Medicine*, **2016**, 3, 21	5.4	58
133	Utility of cardiac magnetic resonance imaging to differentiate cardiac sarcoidosis from arrhythmogenic right ventricular cardiomyopathy. *American Journal of Cardiology*, **2012**, 110, 575-9	3	57
132	Danon disease presenting with dilated cardiomyopathy and a complex phenotype. *Journal of Human Genetics*, **2007**, 52, 830-835	4.3	55
131	Cardiomyopathy and carnitine deficiency. *Molecular Genetics and Metabolism*, **2008**, 94, 162-6	3.7	53
130	Regional Variation in RBM20 Causes a Highly Penetrant Arrhythmogenic Cardiomyopathy. *Circulation: Heart Failure*, **2019**, 12, e005371	7.6	51
129	Decreased levels of BAG3 in a family with a rare variant and in idiopathic dilated cardiomyopathy. *Journal of Cellular Physiology*, **2014**, 229, 1697-702	7	49
128	DNA Damage Response/TP53 Pathway Is Activated and Contributes to the Pathogenesis of Dilated Cardiomyopathy Associated With LMNA (Lamin A/C) Mutations. *Circulation Research*, **2019**, 124, 856-873	15.7	48
127	Sudden death associated with danon disease in women. *American Journal of Cardiology*, **2012**, 109, 406-11	3	47

126	Danon disease - dysregulation of autophagy in a multisystem disorder with cardiomyopathy. *Journal of Cell Science*, **2016**, 129, 2135-43	5.3	47
125	Role of Titin Missense Variants in Dilated Cardiomyopathy. *Journal of the American Heart Association*, **2015**, 4,	6	44
124	Improving cardiac myocytes performance by carbon nanotubes platforms. *Frontiers in Physiology*, **2013**, 4, 239	4.6	44
123	Poor prognosis of rare sarcomeric gene variants in patients with dilated cardiomyopathy. *Clinical and Translational Science*, **2013**, 6, 424-8	4.9	43
122	3D Carbon-Nanotube-Based Composites for Cardiac Tissue Engineering.. *ACS Applied Bio Materials*, **2018**, 1, 1530-1537	4.1	41
121	Association between mutation status and left ventricular reverse remodelling in dilated cardiomyopathy. *Heart*, **2017**, 103, 1704-1710	5.1	39
120	Injectable Carbon Nanotube-Functionalized Reverse Thermal Gel Promotes Cardiomyocytes Survival and Maturation. *ACS Applied Materials & Interfaces*, **2017**, 9, 31645-31656	9.5	39
119	Prognostic impact of familial screening in dilated cardiomyopathy. *European Journal of Heart Failure*, **2010**, 12, 922-7	12.3	39
118	Genomic Reorganization of Lamin-Associated Domains in Cardiac Myocytes Is Associated With Differential Gene Expression and DNA Methylation in Human Dilated Cardiomyopathy. *Circulation Research*, **2019**, 124, 1198-1213	15.7	37
117	The Cardiomyopathy Lamin A/C D192G Mutation Disrupts Whole-Cell Biomechanics in Cardiomyocytes as Measured by Atomic Force Microscopy Loading-Unloading Curve Analysis. *Scientific Reports*, **2015**, 5, 13388	4.9	37
116	Are nonsustained ventricular tachycardias predictive of major arrhythmias in patients with dilated cardiomyopathy on optimal medical treatment?. *PACE - Pacing and Clinical Electrophysiology*, **2008**, 31, 290-9	1.6	37
115	Familial dilated cardiomyopathy. *Heart*, **1994**, 72, S35-41	5.1	37
114	The Burden of Early Phenotypes and the Influence of Wall Thickness in Hypertrophic Cardiomyopathy Mutation Carriers: Findings From the HCMNet Study. *JAMA Cardiology*, **2017**, 2, 419-428	16.2	35
113	Diagnosis, prevalence, and screening of familial dilated cardiomyopathy. *Expert Opinion on Orphan Drugs*, **2015**, 3, 869-876	1.1	35
112	Familial hypertrophic cardiomyopathy: clinical features, molecular genetics and molecular genetic testing. *Expert Review of Molecular Diagnostics*, **2004**, 4, 99-113	3.8	30
111	The Giant Protein Titin's Role in Cardiomyopathy: Genetic, Transcriptional, and Post-translational Modifications of TTN and Their Contribution to Cardiac Disease. *Frontiers in Physiology*, **2019**, 10, 1436	4.6	30
110	Gold Nanoparticle-Functionalized Reverse Thermal Gel for Tissue Engineering Applications. *ACS Applied Materials & Interfaces*, **2019**, 11, 18671-18680	9.5	29
109	Titin and desmosomal genes in the natural history of arrhythmogenic right ventricular cardiomyopathy. *Journal of Medical Genetics*, **2014**, 51, 669-76	5.8	29

108	Natural History of Dilated Cardiomyopathy in Children. *Journal of the American Heart Association*, **2016**, 5,	6	29
107	Genetics and genetic testing of dilated cardiomyopathy: a new perspective. *Discovery Medicine*, **2013**, 15, 43-9	2.5	28
106	Biomimetic Polymers for Cardiac Tissue Engineering. *Biomacromolecules*, **2016**, 17, 1593-601	6.9	28
105	Whole exome sequencing identifies a troponin T mutation hot spot in familial dilated cardiomyopathy. *PLoS ONE*, **2013**, 8, e78104	3.7	27
104	Pharmacogenetic effect of an endothelin-1 haplotype on response to bucindolol therapy in chronic heart failure. *Pharmacogenetics and Genomics*, **2009**, 19, 35-43	1.9	26
103	Arrhythmias in dilated cardiomyopathy. *Postgraduate Medical Journal*, **1986**, 62, 593-7	2	26
102	Atomic force microscopy of 3T3 and SW-13 cell lines: an investigation of cell elasticity changes due to fixation. *Materials Science and Engineering C*, **2013**, 33, 3303-8	8.3	24
101	Contemporary survival trends and aetiological characterization in non-ischaemic dilated cardiomyopathy. *European Journal of Heart Failure*, **2020**, 22, 1111-1121	12.3	24
100	Biomechanical defects and rescue of cardiomyocytes expressing pathologic nuclear lamins. *Cardiovascular Research*, **2018**, 114, 846-857	9.9	23
99	Carbon nanotube facilitation of myocardial ablation with radiofrequency energy. *Journal of Cardiovascular Electrophysiology*, **2014**, 25, 1385-90	2.7	23
98	Ankyrin-B dysfunction predisposes to arrhythmogenic cardiomyopathy and is amenable to therapy. *Journal of Clinical Investigation*, **2019**, 129, 3171-3184	15.9	23
97	Molecular genetics of dilated cardiomyopathy. *Current Opinion in Cardiology*, **1997**, 12, 303-9	2.1	21
96	Lamin A/C gene and the heart: how genetics may impact clinical care. *Journal of the American College of Cardiology*, **2008**, 52, 1261-2	15.1	21
95	Arrhythmogenic right ventricular cardiomyopathy: From genetics to diagnostic and therapeutic challenges. *World Journal of Cardiology*, **2014**, 6, 1234-44	2.1	21
94	Obscurin Variants in Patients With Left Ventricular Noncompaction. *Journal of the American College of Cardiology*, **2016**, 68, 2237-2238	15.1	20
93	HDAC Inhibition Reverses Preexisting Diastolic Dysfunction and Blocks Covert Extracellular Matrix Remodeling. *Circulation*, **2021**, 143, 1874-1890	16.7	20
92	AFM single-cell force spectroscopy links altered nuclear and cytoskeletal mechanics to defective cell adhesion in cardiac myocytes with a nuclear lamin mutation. *Nucleus*, **2015**, 6, 394-407	3.9	19
91	Correlation between histomorphometric findings on endomyocardial biopsy and clinical findings in idiopathic dilated cardiomyopathy. *American Journal of Cardiology*, **1989**, 64, 504-6	3	19

90	The electrocardiogram in the diagnosis and management of patients with dilated cardiomyopathy. *European Journal of Heart Failure*, **2020**, 22, 1097-1107	12.3	18
89	Risk Stratification in Arrhythmic Right Ventricular Cardiomyopathy Without Implantable Cardioverter-Defibrillators. *JACC: Clinical Electrophysiology*, **2016**, 2, 558-564	4.6	18
88	Genetics of Dilated Cardiomyopathy: Clinical Implications. *Current Cardiology Reports*, **2018**, 20, 83	4.2	18
87	Early Arrhythmic Events in Idiopathic Dilated Cardiomyopathy. *JACC: Clinical Electrophysiology*, **2016**, 2, 535-543	4.6	18
86	truncations cause arrhythmogenic right ventricular cardiomyopathy. *Journal of Medical Genetics*, **2020**, 57, 254-257	5.8	17
85	Exploring the elasticity and adhesion behavior of cardiac fibroblasts by atomic force microscopy indentation. *Materials Science and Engineering C*, **2014**, 40, 427-34	8.3	17
84	Biomarkers of cardiovascular stress and fibrosis in preclinical hypertrophic cardiomyopathy. *Open Heart*, **2017**, 4, e000615	3	15
83	Danon disease for the cardiologist: case report and review of the literature. *Journal of Community Hospital Internal Medicine Perspectives*, **2017**, 7, 107-114	1.1	14
82	High-throughput genotyping robot-assisted method for mutation detection in patients with hypertrophic cardiomyopathy. *Diagnostic Molecular Pathology*, **2011**, 20, 175-9		14
81	Cardiac hypertrophy, accessory pathway, and conduction system disease in an adolescent: the PRKAG2 cardiac syndrome. *Journal of the American College of Cardiology*, **2013**, 62, e17	15.1	13
80	Cardiology patient page. Familial dilated cardiomyopathy. *Circulation*, **2003**, 108, e118-21	16.7	13
79	Nanomaterials for Cardiac Tissue Engineering. *Molecules*, **2020**, 25,	4.8	13
78	Improving the appropriateness of sudden arrhythmic death primary prevention by implantable cardioverter-defibrillator therapy in patients with low left ventricular ejection fraction. Point of view. *Journal of Cardiovascular Medicine*, **2016**, 17, 245-55	1.9	13
77	The cell-stretcher: A novel device for the mechanical stimulation of cell populations. *Review of Scientific Instruments*, **2016**, 87, 084301	1.7	13
76	Advances in molecular genetics of dilated cardiomyopathy. The Heart Muscle Disease Study Group. *Cardiology Clinics*, **1998**, 16, 611-21, vii	2.5	11
75	In Hypertrophic Cardiomyopathy, the Spatial Peaks QRS-T Angle Identifies Those With Sustained Ventricular Arrhythmias. *Clinical Cardiology*, **2016**, 39, 459-63	3.3	11
74	Pharmacogenomics, personalized medicine, and heart failure. *Discovery Medicine*, **2011**, 11, 551-61	2.5	11
73	Easy fabrication of aligned PLLA nanofibers-based 2D scaffolds suitable for cell contact guidance studies. *Materials Science and Engineering C*, **2016**, 62, 301-6	8.3	10

72	Ventricular arrhythmias in congestive cardiomyopathy. *New England Journal of Medicine*, **1983**, 309, 377-8	59.2	10
71	Hearing the noise the challenges of human genome variation in genetic testing. *Journal of the American College of Cardiology*, **2011**, 57, 2328-9	15.1	9
70	Analysis of genetic variations of lamin A/C gene (LMNA) by denaturing high-performance liquid chromatography. *Journal of Biomolecular Screening*, **2004**, 9, 625-8		9
69	Estimating the frequency of familial dilated cardiomyopathy in the presence of misclassification errors. *Journal of Applied Statistics*, **2001**, 28, 53-62	1	9
68	Molecular genetics of dilated cardiomyopathies. *European Heart Journal*, **1995**, 16 Suppl O, 5-9	9.5	9
67	Molecular genetics of dilated cardiomyopathy. *Herz*, **1994**, 19, 97-104	2.6	9
66	Lamin A/C Cardiomyopathy: Implications for Treatment. *Current Cardiology Reports*, **2019**, 21, 160	4.2	9
65	Induction of ADAM10 by Radiation Therapy Drives Fibrosis, Resistance, and Epithelial-to-Mesenchyal Transition in Pancreatic Cancer. *Cancer Research*, **2021**, 81, 3255-3269	10.1	9
64	The challenge of cardiomyopathies in 2007. *Journal of Cardiovascular Medicine*, **2008**, 9, 545-54	1.9	8
63	Absence of linkage between idiopathic dilated cardiomyopathy and candidate genes involved in the immune function in a large Italian pedigree. *Journal of Medical Genetics*, **1994**, 31, 766-71	5.8	8
62	Modifications of Titin Contribute to the Progression of Cardiomyopathy and Represent a Therapeutic Target for Treatment of Heart Failure. *Journal of Clinical Medicine*, **2020**, 9,	5.1	8
61	Cellular biomechanics impairment in keratinocytes is associated with a C-terminal truncated desmoplakin: An atomic force microscopy investigation. *Micron*, **2018**, 106, 27-33	2.3	7
60	Genetic Infiltrative Cardiomyopathies. *Heart Failure Clinics*, **2018**, 14, 215-224	3.3	7
59	Genetics of dilated cardiomyopathy conduction disease. *Progress in Pediatric Cardiology*, **2007**, 24, 3-13	0.4	7
58	Parental origin of the X chromosome in a patient with a Robertsonian translocation and Turner's syndrome. *Journal of Medical Genetics*, **1994**, 31, 255-6	5.8	7
57	Heart failure and personalized medicine. *Journal of Cardiovascular Medicine*, **2011**, 12, 6-12	1.9	7
56	Knock Down of Plakophillin 2 Dysregulates Adhesion Pathway through Upregulation of miR200b and Alters the Mechanical Properties in Cardiac Cells. *Cells*, **2019**, 8,	7.9	7
55	Valsartan in early-stage hypertrophic cardiomyopathy: a randomized phase 2 trial. *Nature Medicine*, **2021**, 27, 1818-1824	50.5	7

54	Transcriptome signature of ventricular arrhythmia in dilated cardiomyopathy reveals increased fibrosis and activated TP53. *Journal of Molecular and Cellular Cardiology*, **2020**, 139, 124-134	5.8	6
53	Altered microtubule structure, hemichannel localization and beating activity in cardiomyocytes expressing pathologic nuclear lamin A/C. *Heliyon*, **2020**, 6, e03175	3.6	6
52	Analysis of long- and short-range contribution to adhesion work in cardiac fibroblasts: an atomic force microscopy study. *Materials Science and Engineering C*, **2015**, 49, 217-224	8.3	5
51	Pharmacogenetics of heart failure. *Current Opinion in Cardiology*, **2014**, 29, 227-34	2.1	5
50	Epidemiology of cardiac actin gene mutations in dilated cardiomyopathy. *Journal of Cardiac Failure*, **1999**, 5, 23	3.3	5
49	Antiarrhythmic therapy and risk of cumulative ventricular arrhythmias in arrhythmogenic right ventricle cardiomyopathy. *International Journal of Cardiology*, **2021**, 334, 58-64	3.2	5
48	Baseline Characteristics of the VANISH Cohort. *Circulation: Heart Failure*, **2019**, 12, e006231	7.6	5
47	Current perspective new insights into the molecular basis of familial dilated cardiomyopathy. *Italian Heart Journal: Official Journal of the Italian Federation of Cardiology*, **2001**, 2, 280-6		5
46	Mortality risk in chronic Chagas cardiomyopathy: a systematic review and meta-analysis. *ESC Heart Failure*, **2021**,	3.7	4
45	Danon Disease-Associated LAMP-2 Deficiency Drives Metabolic Signature Indicative of Mitochondrial Aging and Fibrosis in Cardiac Tissue and hiPSC-Derived Cardiomyocytes. *Journal of Clinical Medicine*, **2020**, 9,	5.1	4
44	Genetics of dilated cardiomyopathy. *Current Opinion in Cardiology*, **2021**, 36, 288-294	2.1	4
43	Early Lethality Due to a Novel Desmoplakin Variant Causing Infantile Epidermolysis Bullosa Simplex With Fragile Skin, Aplasia Cutis Congenita, and Arrhythmogenic Cardiomyopathy. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002800	5.2	3
42	Viscoelastic behavior of cardiomyocytes carrying LMNA mutations. *Biorheology*, **2020**, 57, 1-14	1.7	3
41	Tafazzin gene mutations are uncommon causes of dilated cardiomyopathy in adults. *Neurology International*, **2011**, 1, 4	0	3
40	Idiopathic left ventricular aneurysm: a clinical and pathological study of a new entity in the spectrum of cardiomyopathies. *Postgraduate Medical Journal*, **1994**, 70 Suppl 1, S13-20	2	3
39	Apical Sparing Strain Pattern in Danon Disease: Insights From a Global Registry. *JACC: Cardiovascular Imaging*, **2020**, 13, 2689-2691	8.4	3
38	Current Understanding of the Role of Cytoskeletal Cross-Linkers in the Onset and Development of Cardiomyopathies. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
37	Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filamin C Truncating Variants. *Circulation*, **2021**, 144, 1600-1611	16.7	3

36	Right precordial-directed electrocardiographical markers identify arrhythmogenic right ventricular cardiomyopathy in the absence of conventional depolarization or repolarization abnormalities. *BMC Cardiovascular Disorders*, **2017**, 17, 261	2.3	2
35	The genetic architecture of Plakophilin 2 cardiomyopathy. *Genetics in Medicine*, **2021**, 23, 1961-1968	8.1	2
34	Prevalence and Evolution of Right Ventricular Dysfunction Among Different Genetic Backgrounds in Dilated Cardiomyopathy. *Canadian Journal of Cardiology*, **2021**, 37, 1743-1750	3.8	2
33	The Sarcomeric Spring Protein Titin: Biophysical Properties, Molecular Mechanisms, and Genetic Mutations Associated with Heart Failure and Cardiomyopathy. *Current Cardiology Reports*, **2021**, 23, 121	4.2	2
32	Compromised Biomechanical Properties, Cell-Cell Adhesion and Nanotubes Communication in Cardiac Fibroblasts Carrying the Lamin A/C D192G Mutation. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
31	Atomic Force Microscopy (AFM) Applications in Arrhythmogenic Cardiomyopathy.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
30	Genetics of Dilated Cardiomyopathy: Current Knowledge and Future Perspectives **2019**, 45-69		1
29	Historical Terminology, Classifications, and Present Definition of DCM **2019**, 1-9		1
28	The S-wave angle identifies arrhythmogenic right ventricular cardiomyopathy in patients with electrocardiographically concealed disease phenotype. *Journal of Electrocardiology*, **2018**, 51, 1003-1008	1.4	1
27	Molecular and Cellular Mechanisms in Heart Failure **2018**, 3-19		1
26	Diseases of the Nuclear Membrane **2017**, 233-248		1
25	Myocardial Strain and Association With Clinical Outcomes in Danon Disease: A Model for Monitoring Progression of Genetic Cardiomyopathies. *Journal of the American Heart Association*, **2021**, 10, e022544	6	1
24	Molecular Genetics of Dilated Cardiomyopathy		1
23	Abstract 12210: Long-Term Efficacy and Safety of ARRY-371797 (PF-0765803) in an Open-Label Rollover Study in Patients With Dilated Cardiomyopathy Due to a Lamin A/C Gene Mutation. *Circulation*, **2021**, 144,	16.7	1
22	Clinical and genetic features of arrhythmogenic cardiomyopathy: diagnosis, management and the heart failure perspective.. *Progress in Pediatric Cardiology*, **2021**, 63, 101459-101459	0.4	0
21	Microfabricated cantilevers for parallelized cell-cell adhesion measurements. *European Biophysics Journal*, **2021**, 1	1.9	0
20	Activation of PDGFRA signaling contributes to filamin C-related arrhythmogenic cardiomyopathy.. *Science Advances*, **2022**, 8, eabk0052	14.3	0
19	Association of Phenotype and Genotype in the Diagnosis and Prognosis of ARVC/D in the Adult Population **2016**, 89-103		

18	Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC). *Respiratory Medicine*, **2015**, 337-360	0.2
17	Cardiac disorders **2020**, 109-125	
16	An LMNA synonymous variant associated with severe dilated cardiomyopathy: Case report. *American Journal of Medical Genetics, Part A*, **2021**,	2.5
15	The Arrhythmic Phenotype in Cardiomyopathy. *Heart Failure Clinics*, **2022**, 18, 101-113	3.3
14	Cardiomyopathy: Genetics in muscular dystrophies **2000**, 81-84	
13	Dilated Cardiomyopathy and Arrhythmogenic Right Ventricular Dysplasia: From Gene to Phenotype. *Developments in Cardiovascular Medicine*, **2000**, 19-26	
12	Natural History of Idiopathic Dilated Cardiomyopathy **1993**, 26-42	
11	Dilated Cardiomyopathy: Does Etiological Heterogeneity Portend Clinical Heterogeneity? **1998**, 160-170	
10	The Classification of Cardiomyopathies **1998**, 3-13	
9	Dilated Cardiomyopathy **2010**, 179-190	
8	The Role of Clinical Observation: Red Flag 7 – Syndromic and Multi-system Cardiomyopathies **2013**, 73-111	
7	Clinical Genetic Testing in Cardiomyopathies **2013**, 119-124	
6	Family History **2013**, 19-24	
5	Arrhythmogenic Right Ventricular Cardiomyopathy: Clinical Assessment and Differential Diagnosis **2014**, 139-149	
4	Genetics: Genotype/Phenotype Correlations in Cardiomyopathies **2014**, 13-24	
3	Medicina de precisión aplicada a laminopatías: enseñanzas del registro REDLAMINA. *Revista Espanola De Cardiologia*, **2021**, 74, 208-209	1.5
2	Precision medicine in laminopathies: insights from the REDLAMINA registry. *Revista Espanola De Cardiologia (English Ed)*, **2021**, 74, 208-209	0.7
1	AFM macro-probes to investigate whole 3D cardiac spheroids. *Micro and Nano Engineering*, **2022**, 15, 100134	3.4