Raffaella Lombardi

List of Publications by Citations

44 papers	2,300 citations	25 h-index	45 g-index
45 ext. papers	2,672 ext. citations	7.9 avg, IF	4.49 L-index

#	Paper	IF	Citations
44	Suppression of canonical Wnt/beta-catenin signaling by nuclear plakoglobin recapitulates phenotype of arrhythmogenic right ventricular cardiomyopathy. *Journal of Clinical Investigation*, **2006**, 116, 2012-21	15.9	419
43	The hippo pathway is activated and is a causal mechanism for adipogenesis in arrhythmogenic cardiomyopathy. *Circulation Research*, **2014**, 114, 454-68	15.7	171
42	Myocardial collagen turnover in hypertrophic cardiomyopathy. *Circulation*, **2003**, 108, 1455-60	16.7	154
41	Myozenin 2 is a novel gene for human hypertrophic cardiomyopathy. *Circulation Research*, **2007**, 100, 766-8	15.7	145
40	Genetic fate mapping identifies second heart field progenitor cells as a source of adipocytes in arrhythmogenic right ventricular cardiomyopathy. *Circulation Research*, **2009**, 104, 1076-84	15.7	118
39	Nuclear plakoglobin is essential for differentiation of cardiac progenitor cells to adipocytes in arrhythmogenic right ventricular cardiomyopathy. *Circulation Research*, **2011**, 109, 1342-53	15.7	111
38	Human molecular genetic and functional studies identify TRIM63, encoding Muscle RING Finger Protein 1, as a novel gene for human hypertrophic cardiomyopathy. *Circulation Research*, **2012**, 111, 907-19	15.7	98
37	Determinants of atrial fibrillation development in patients with hypertrophic cardiomyopathy. *American Journal of Cardiology*, **2004**, 94, 895-900	3	96
36	Antifibrotic effects of antioxidant N-acetylcysteine in a mouse model of human hypertrophic cardiomyopathy mutation. *Journal of the American College of Cardiology*, **2006**, 47, 827-34	15.1	92
35	Resolution of established cardiac hypertrophy and fibrosis and prevention of systolic dysfunction in a transgenic rabbit model of human cardiomyopathy through thiol-sensitive mechanisms. *Circulation*, **2009**, 119, 1398-407	16.7	88
34	Hemodynamic determinants of exercise-induced abnormal blood pressure response in hypertrophic cardiomyopathy. *Journal of the American College of Cardiology*, **2002**, 40, 278-84	15.1	69
33	Exercise capacity in hypertrophic cardiomyopathy depends on left ventricular diastolic function. *American Journal of Cardiology*, **1999**, 84, 309-15	3	64
32	Genome-wide mapping of modifier chromosomal loci for human hypertrophic cardiomyopathy. *Human Molecular Genetics*, **2007**, 16, 2463-71	5.6	61
31	Metabolomic distinction and insights into the pathogenesis of human primary dilated cardiomyopathy. *European Journal of Clinical Investigation*, **2011**, 41, 527-38	4.6	59
30	Cardiac Fibro-Adipocyte Progenitors Express Desmosome Proteins and Preferentially Differentiate to Adipocytes Upon Deletion of the Desmoplakin Gene. *Circulation Research*, **2016**, 119, 41-54	15.7	57
29	Enhanced transmural fiber rotation and connexin 43 heterogeneity are associated with an increased upper limit of vulnerability in a transgenic rabbit model of human hypertrophic cardiomyopathy. *Circulation Research*, **2007**, 101, 1049-57	15.7	50
28	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

27	Differential interactions of thin filament proteins in two cardiac troponin T mouse models of hypertrophic and dilated cardiomyopathies. *Cardiovascular Research*, **2008**, 79, 109-17	9.9	48
26	Candidate genetic analysis of plasma high-density lipoprotein-cholesterol and severity of coronary atherosclerosis. *BMC Medical Genetics*, **2009**, 10, 111	2.1	37
25	Molecular genetics and pathogenesis of arrhythmogenic right ventricular cardiomyopathy: a disease of cardiac stem cells. *Pediatric Cardiology*, **2011**, 32, 360-5	2.1	36
24	Knockdown of Plakophilin 2 Downregulates miR-184 Through CpG Hypermethylation and Suppression of the E2F1 Pathway and Leads to Enhanced Adipogenesis In Vitro. *Circulation Research*, **2016**, 119, 731-50	15.7	35
23	Pathogenesis of hypertrophic cardiomyopathy caused by myozenin 2 mutations is independent of calcineurin activity. *Cardiovascular Research*, **2013**, 97, 44-54	9.9	32
22	Atorvastatin and cardiac hypertrophy and function in hypertrophic cardiomyopathy: a pilot study. *European Journal of Clinical Investigation*, **2010**, 40, 976-83	4.6	30
21	Suppression of Activated FOXO Transcription Factors in the Heart Prolongs Survival in a Mouse Model of Laminopathies. *Circulation Research*, **2018**, 122, 678-692	15.7	27
20	Arrhythmogenic right ventricular cardiomyopathy is a disease of cardiac stem cells. *Current Opinion in Cardiology*, **2010**, 25, 222-8	2.1	27
19	Distinct Cellular Basis for Early Cardiac Arrhythmias, the Cardinal Manifestation of Arrhythmogenic Cardiomyopathy, and the Skin Phenotype of Cardiocutaneous Syndromes. *Circulation Research*, **2017**, 121, 1346-1359	15.7	15
18	Abnormal blood-pressure response to exercise and oxygen consumption in patients with hypertrophic cardiomyopathy. *Journal of Nuclear Cardiology*, **2007**, 14, 869-75	2.1	15
17	Comparison of hemodynamic adaptation to orthostatic stress in patients with hypertrophic cardiomyopathy with or without syncope and in vasovagal syncope. *American Journal of Cardiology*, **2002**, 89, 1405-10	3	12
16	Myocardial texture in hypertrophic cardiomyopathy. *Journal of the American Society of Echocardiography*, **2007**, 20, 1253-9	5.8	11
15	Genetics and sudden death. *Current Opinion in Cardiology*, **2013**, 28, 272-81	2.1	10
14	Dobutamine stress echocardiography in hypertrophic cardiomyopathy. *Cardiology*, **2003**, 100, 93-100	1.6	10
13	Haploinsufficiency of Tmem43 in cardiac myocytes activates the DNA damage response pathway leading to a late-onset senescence-associated pro-fibrotic cardiomyopathy. *Cardiovascular Research* , **2021**, 117, 2377-2394	9.9	9
12	Established and Emerging Mechanisms in the Pathogenesis of Arrhythmogenic Cardiomyopathy: A Multifaceted Disease. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	9
11	Speckle-tracking analysis based on 2D echocardiography does not reliably measure left ventricular torsion. *Clinical Physiology and Functional Imaging*, **2013**, 33, 117-21	2.4	8
10	Hemodynamic effects of isometric exercise in hypertrophic cardiomyopathy: comparison with normal subjects. *Journal of Nuclear Cardiology*, **2003**, 10, 154-60	2.1	8

9	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
8	Arrhythmogenic Cardiomyopathy and Skeletal Muscle Dystrophies: Shared Histopathological Features and Pathogenic Mechanisms. *Frontiers in Physiology*, **2020**, 11, 834	4.6	4
7	Identification of Genes and Pathways Regulated by Lamin A in Heart. *Journal of the American Heart Association*, **2020**, 9, e015690	6	3
6	Percutaneous treatment of patients with heart diseases: selection, guidance and follow-up. A review. *Cardiovascular Ultrasound*, **2012**, 10, 16	2.4	2
5	Effect of hypertrophy on left ventricular diastolic function in patients with hypertrophic cardiomyopathy. *Heart International*, **2006**, 2, 106	0.3	2
4	Left Ventricular Mass in Hypertrophic Cardiomyopathy Assessed by 2D-Echocardiography: Validation with Magnetic Resonance Imaging. *Journal of Cardiovascular Translational Research*, **2020**, 13, 238-244	3.3	2
3	Activation of PDGFRA signaling contributes to filamin C-related arrhythmogenic cardiomyopathy.. *Science Advances*, **2022**, 8, eabk0052	14.3	0
2	Effect of Hypertrophy on Left Ventricular Diastolic Function in Patients with Hypertrophic Cardiomyopathy. *Heart International*, **2006**, 2, 182618680600200	0.3	
1	Clinical Significance of Diastolic Dysfunction and the Effect of Therapeutic Interventions147-157		