

Raffaele Coppini

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

1,791
citations

27
h-index

41
g-index

70
ext. papers

2,371
ext. citations

6.6
avg, IF

4.44
L-index

#	Paper	IF	Citations
60	Genotype-Driven Pathogenesis of Atrial Fibrillation in Hypertrophic Cardiomyopathy: The Case of Different Mutations.. <i>Frontiers in Physiology</i> , 2022 , 13, 864547	4.6	0
59	Anti-hypertensive drugs deprescribing: an updated systematic review of clinical trials. <i>BMC Family Practice</i> , 2021 , 22, 208	2.6	2
58	T-tubule remodeling in human hypertrophic cardiomyopathy. <i>Journal of Muscle Research and Cell Motility</i> , 2021 , 42, 305-322	3.5	1
57	Sex-Specific Classification of Drug-Induced Torsade de Pointes Susceptibility Using Cardiac Simulations and Machine Learning. <i>Clinical Pharmacology and Therapeutics</i> , 2021 , 110, 380-391	6.1	6
56	Mavacamten has a differential impact on force generation in myofibrils from rabbit psoas and human cardiac muscle. <i>Journal of General Physiology</i> , 2021 , 153,	3.4	8
55	Pathophysiology and Treatment of Hypertrophic Cardiomyopathy: New Perspectives. <i>Current Heart Failure Reports</i> , 2021 , 18, 169-179	2.8	2
54	Understanding the heart-brain axis response in COVID-19 patients: A suggestive perspective for therapeutic development. <i>Pharmacological Research</i> , 2021 , 168, 105581	10.2	12
53	Abnormalities in sodium current and calcium homeostasis as drivers of arrhythmogenesis in hypertrophic cardiomyopathy. <i>Cardiovascular Research</i> , 2020 , 116, 1585-1599	9.9	16
52	Advances in Stem Cell Modeling of Dystrophin-Associated Disease: Implications for the Wider World of Dilated Cardiomyopathy. <i>Frontiers in Physiology</i> , 2020 , 11, 368	4.6	4
51	Amelioration of diastolic dysfunction by dapagliflozin in a non-diabetic model involves coronary endothelium. <i>Pharmacological Research</i> , 2020 , 157, 104781	10.2	31
50	Neural Effects on Cardiac Electrophysiology 2020 , 973-985		
49	Dexpramipexole blocks Nav1.8 sodium channels and provides analgesia in multiple nociceptive and neuropathic pain models. <i>Pain</i> , 2020 , 161, 831-841	8	13
48	Modelling genetic diseases for drug development: Hypertrophic cardiomyopathy. <i>Pharmacological Research</i> , 2020 , 160, 105176	10.2	1
47	A Novel Method of Isolating Myofibrils From Primary Cardiomyocyte Culture Suitable for Myofibril Mechanical Study. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 12	5.4	14
46	Histopathological comparison of intramural coronary artery remodeling and myocardial fibrosis in obstructive versus end-stage hypertrophic cardiomyopathy. <i>International Journal of Cardiology</i> , 2019 , 291, 77-82	3.2	12
45	Development of Light-Responsive Liquid Crystalline Elastomers to Assist Cardiac Contraction. <i>Circulation Research</i> , 2019 , 124, e44-e54	15.7	30
44	Defining the diagnostic effectiveness of genes for inclusion in panels: the experience of two decades of genetic testing for hypertrophic cardiomyopathy at a single center. <i>Genetics in Medicine</i> , 2019 , 21, 284-292	8.1	32

43	Optical Investigation of Action Potential and Calcium Handling Maturation of hiPSC-Cardiomyocytes on Biomimetic Substrates. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15
42	Electrophysiological and Contractile Effects of Disopyramide in Patients With Obstructive Hypertrophic Cardiomyopathy: A Translational Study. <i>JACC Basic To Translational Science</i> , 2019 , 4, 795-813	8.7	13
41	Neural Effects on Cardiac Electrophysiology 2019 , 1-13		
40	Pharmacological Inhibition of Serine Proteases to Reduce Cardiac Inflammation and Fibrosis in Atrial Fibrillation. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1420	5.6	4
39	Late sodium current inhibitors to treat exercise-induced obstruction in hypertrophic cardiomyopathy: an in vitro study in human myocardium. <i>British Journal of Pharmacology</i> , 2018 , 175, 2635-2652	8.6	31
38	Efficacy of Ranolazine in Patients With Symptomatic Hypertrophic Cardiomyopathy: The RESTYLE-HCM Randomized, Double-Blind, Placebo-Controlled Study. <i>Circulation: Heart Failure</i> , 2018 , 11, e004124	7.6	56
37	Clinical and Molecular Aspects of Cardiomyopathies: Emerging Therapies and Clinical Trials. <i>Heart Failure Clinics</i> , 2018 , 14, 161-178	3.3	3
36	Channelopathies, cardiac hypertrophy, and the theory of light. <i>European Heart Journal</i> , 2018 , 39, 2908-2919	3.9	4
35	Comparison of long-term outcome in anthracycline-related versus idiopathic dilated cardiomyopathy: a single centre experience. <i>European Journal of Heart Failure</i> , 2018 , 20, 898-906	12.3	34
34	Selective Blockade of HCN1/HCN2 Channels as a Potential Pharmacological Strategy Against Pain. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1252	5.6	26
33	Altered Ca and Na Homeostasis in Human Hypertrophic Cardiomyopathy: Implications for Arrhythmogenesis. <i>Frontiers in Physiology</i> , 2018 , 9, 1391	4.6	30
32	Novel pharmacological approaches for paediatric hypertrophic cardiomyopathy. <i>Progress in Pediatric Cardiology</i> , 2018 , 51, 46-54	0.4	
31	Oleuropein Aglycone Protects against MAO-A-Induced Autophagy Impairment and Cardiomyocyte Death through Activation of TFEB. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 8067592	6.7	28
30	Electrical defects of the transverse-axial tubular system in cardiac diseases. <i>Journal of Physiology</i> , 2017 , 595, 3815-3822	3.9	9
29	Ranolazine Prevents Phenotype Development in a Mouse Model of Hypertrophic Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	55
28	Sodium-dependent glucose transporters (SGLT) in human ischemic heart: A new potential pharmacological target. <i>International Journal of Cardiology</i> , 2017 , 243, 86-90	3.2	80
27	Effects of ranolazine in a model of doxorubicin-induced left ventricle diastolic dysfunction. <i>British Journal of Pharmacology</i> , 2017 , 174, 3696-3712	8.6	48
26	Content of mitochondrial calcium uniporter (MCU) in cardiomyocytes is regulated by microRNA-1 in physiologic and pathologic hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E9006-E9015	11.5	55

25	Liquid Crystalline Networks toward Regenerative Medicine and Tissue Repair. <i>Small</i> , 2017 , 13, 1702677	11	36
24	Pathogenesis of Hypertrophic Cardiomyopathy is Mutation Rather Than Disease Specific: A Comparison of the Cardiac Troponin T E163R and R92Q Mouse Models. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	32
23	Role of quantitative myocardial positron emission tomography for risk stratification in patients with hypertrophic cardiomyopathy: a 2016 reappraisal. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 2413-2422	8.8	12
22	Optogenetics design of mechanistically-based stimulation patterns for cardiac defibrillation. <i>Scientific Reports</i> , 2016 , 6, 35628	4.9	66
21	Mechanisms of pro-arrhythmic abnormalities in ventricular repolarisation and anti-arrhythmic therapies in human hypertrophic cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 96, 72-81	5.8	63
20	Impact of Genotype on the Occurrence of Atrial Fibrillation in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2016 , 117, 1151-9	3	16
19	Novel Approach Targeting the Complex Pathophysiology of Hypertrophic Cardiomyopathy: The Impact of Late Sodium Current Inhibition on Exercise Capacity in Subjects with Symptomatic Hypertrophic Cardiomyopathy (LIBERTY-HCM) Trial. <i>Circulation: Heart Failure</i> , 2016 , 9, e002764	7.6	30
18	R4496C RyR2 mutation impairs atrial and ventricular contractility. <i>Journal of General Physiology</i> , 2016 , 147, 39-52	3.4	16
17	T-Tubular Electrical Defects Contribute to Blunted β Adrenergic Response in Heart Failure. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	10
16	Clinical research in neonates and infants: Challenges and perspectives. <i>Pharmacological Research</i> , 2016 , 108, 80-87	10.2	29
15	Pharmacological treatment of hypertrophic cardiomyopathy: current practice and novel perspectives. <i>European Journal of Heart Failure</i> , 2016 , 18, 1106-18	12.3	64
14	Targets for therapy in sarcomeric cardiomyopathies. <i>Cardiovascular Research</i> , 2015 , 105, 457-70	9.9	97
13	Defects in T-tubular electrical activity underlie local alterations of calcium release in heart failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 15196-201	11.5	63
12	Impact of detubulation on force and kinetics of cardiac muscle contraction. <i>Journal of General Physiology</i> , 2014 , 143, 783-97	3.4	36
11	Isolation and functional characterization of human ventricular cardiomyocytes from fresh surgical samples. <i>Journal of Visualized Experiments</i> , 2014 ,	1.6	22
10	Functional cardiac imaging by random access microscopy. <i>Frontiers in Physiology</i> , 2014 , 5, 403	4.6	8
9	Clinical phenotype and outcome of hypertrophic cardiomyopathy associated with thin-filament gene mutations. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 2589-2600	15.1	69
8	Representativeness of the "Fiesole Misurata" study database for use in pharmaco-epidemiological investigations on adherence to antihypertensive medications. <i>Aging Clinical and Experimental Research</i> , 2013 , 25, 433-45	4.8	6

7	UDP-glucose enhances outward K(+) currents necessary for cell differentiation and stimulates cell migration by activating the GPR17 receptor in oligodendrocyte precursors. <i>Glia</i> , 2013 , 61, 1155-71	9	45
6	Altered calcium regulation in isolated cardiomyocytes from Egr-1 knock-out mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013 , 91, 1135-42	2.4	15
5	Response to letter regarding article, "Late sodium current inhibition reverses electromechanical dysfunction in human hypertrophic cardiomyopathy". <i>Circulation</i> , 2013 , 128, e157	16.7	7
4	Regulation of intracellular Na(+) in health and disease: pathophysiological mechanisms and implications for treatment. <i>Global Cardiology Science & Practice</i> , 2013 , 2013, 222-42	0.7	13
3	Late sodium current inhibition reverses electromechanical dysfunction in human hypertrophic cardiomyopathy. <i>Circulation</i> , 2013 , 127, 575-84	16.7	244
2	Chronic atrial fibrillation alters the functional properties of If in the human atrium. <i>Journal of Cardiovascular Electrophysiology</i> , 2013 , 24, 1391-400	2.7	34
1	Action potential propagation in transverse-axial tubular system is impaired in heart failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5815-9	11.5	75