Michele Ciccarelli

List of Publications by Year in Descending Order

90 papers	2,207 citations	27 h-index	44 g-index
103 ext. papers	2,989 ext. citations	5.9 avg, IF	4.73 L-index

#	Paper	IF	Citations
90	Post-COVID-19 Syndrome: Involvement and Interactions between Respiratory, Cardiovascular and Nervous Systems.. *Journal of Clinical Medicine*, **2022**, 11,	5.1	5
89	Animal models and animal-free innovations for cardiovascular research: current status and routes to be explored. Consensus document of the ESC working group on myocardial function and the ESC Working Group on Cellular Biology of the Heart.. *Cardiovascular Research*, **2022**,	9.9	3
88	Targeting the ASMase/S1P pathway protects from sortilin-evoked vascular damage in hypertension.. *Journal of Clinical Investigation*, **2022**, 132,	15.9	2
87	Echocardiographically defined haemodynamic categorization predicts prognosis in ambulatory heart failure patients treated with sacubitril/valsartan.. *ESC Heart Failure*, **2022**,	3.7	1
86	A Multistep Approach to Deal With Advanced Heart Failure: A Case Report on the Positive Effect of Cardiac Contractility Modulation Therapy on Pulmonary Pressure Measured by CardioMEMS.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 874433	5.4	2
85	A Novel Combination of High-Load Omega-3 Lysine Complex (AvailOm) and Anthocyanins Exerts Beneficial Cardiovascular Effects. *Antioxidants*, **2022**, 11, 896	7.1	0
84	Untargeted lipidomics reveals specific lipid profiles in COVID-19 patients with different severity from Campania region (Italy).. *Journal of Pharmaceutical and Biomedical Analysis*, **2022**, 217, 114827	3.5	0
83	Artificial Intelligence as a Business Partner in Cardiovascular Precision Medicine: An Emerging Approach for Disease Detection and Treatment Optimization. *Current Medicinal Chemistry*, **2021**, 28, 6569-6590	4.3	8
82	Pathophysiology of Takotsubo syndrome a joint scientific statement from the Heart Failure Association Takotsubo Syndrome Study Group and Myocardial Function Working Group of the European Society of Cardiology Part 2: vascular pathophysiology, gender and sex hormones, genetics, chronic cardiovascular problems and clinical implications. *European Journal of Heart*	12.3	6
81	A Novel Vasoactive Peptide "PG1" from Buffalo Ice-Cream Protects from Angiotensin-Evoked High Blood Pressure. *Antioxidants*, **2021**, 10,	7.1	2
80	Exercise Training and Cardiac Rehabilitation in COVID-19 Patients with Cardiovascular Complications: State of Art. *Life*, **2021**, 11,	3	7
79	Predictors of complications in initially haemodynamically stable patients admitted in a modern coronary care unit. *Journal of Cardiovascular Medicine*, **2021**, 22, 553-559	1.9	
78	Vitamin D: Not Just Bone Metabolism but a Key Player in Cardiovascular Diseases. *Life*, **2021**, 11,	3	9
77	PD-L1 Dysregulation in COVID-19 Patients. *Frontiers in Immunology*, **2021**, 12, 695242	8.4	16
76	Healthberry 865 and Its Related, Specific, Single Anthocyanins Exert a Direct Vascular Action, Modulating Both Endothelial Function and Oxidative Stress. *Antioxidants*, **2021**, 10,	7.1	1
75	Towards standardization of echocardiography for the evaluation of left ventricular function in adult rodents: a position paper of the ESC Working Group on Myocardial Function. *Cardiovascular Research*, **2021**, 117, 43-59	9.9	25
74	Empagliflozin improves endothelial and cardiomyocyte function in human heart failure with preserved ejection fraction via reduced pro-inflammatory-oxidative pathways and protein kinase G oxidation. *Cardiovascular Research*, **2021**, 117, 495-507	9.9	60

73	Safety and efficacy of non-vitamin K antagonist oral anticoagulants in elderly patients with atrial fibrillation: systematic review and meta-analysis of 22 studies and 440 281 patients. *European Heart Journal - Cardiovascular Pharmacotherapy*, **2021**, 7, f20-f29	6.4	23
72	The Metabolic Role of GRK2 in Insulin Resistance and Associated Conditions. *Cells*, **2021**, 10,	7.9	5
71	The Role of Oxidative Stress in Cardiovascular Aging and Cardiovascular Diseases. *Life*, **2021**, 11,	3	15
70	Vascular and metabolic effects of SGLT2i and GLP-1 in heart failure patients. *Heart Failure Reviews*, **2021**, 1	5	10
69	Reciprocal organ interactions during heart failure: a position paper from the ESC Working Group on Myocardial Function. *Cardiovascular Research*, **2021**, 117, 2416-2433	9.9	5
68	Cardiovascular risk factors and mortality in hospitalized patients with COVID-19: systematic review and meta-analysis of 45 studies and 18,300 patients. *BMC Cardiovascular Disorders*, **2021**, 21, 23	2.3	29
67	Pathophysiology of Takotsubo Syndrome - a joint scientific statement from the Heart Failure Association Takotsubo Syndrome Study Group and Myocardial Function Working Group of the European Society of Cardiology - Part 1: Overview and the central role for catecholamines and sympathetic nervous system.. *European Journal of Heart Failure*, **2021**,	12.3	3
66	Biomarkers Predict In-Hospital Major Adverse Cardiac Events in COVID-19 Patients: A Multicenter International Study.. *Journal of Clinical Medicine*, **2021**, 10,	5.1	1
65	Non-coding RNAs: update on mechanisms and therapeutic targets from the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. *Cardiovascular Research*, **2020**, 116, 1805-1819	9.9	18
64	Pharmacological inhibition of GRK2 improves cardiac metabolism and function in experimental heart failure. *ESC Heart Failure*, **2020**, 7, 1571-1584	3.7	11
63	It is easy to see, but it is better to foresee: a case report on the favourable alliance between CardioMEMS and levosimendan. *European Heart Journal - Case Reports*, **2020**, 4, 1-5	0.9	3
62	Precision and Personalized Medicine: How Genomic Approach Improves the Management of Cardiovascular and Neurodegenerative Disease. *Genes*, **2020**, 11,	4.2	12
61	Cardiac dysfunction in cancer patients: beyond direct cardiomyocyte damage of anticancer drugs: novel cardio-oncology insights from the joint 2019 meeting of the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. *Cardiovascular Research*, **2020**, 116, 1820-1834	9.9	17
60	A Novel Promising Frontier for Human Health: The Beneficial Effects of Nutraceuticals in Cardiovascular Diseases. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	14
59	Sirt1 Activity in PBMCs as a Biomarker of Different Heart Failure Phenotypes. *Biomolecules*, **2020**, 10,	5.9	2
58	Timing of national lockdown and mortality in COVID-19: The Italian experience. *International Journal of Infectious Diseases*, **2020**, 100, 193-195	10.5	13
57	Role of Endothelial G Protein-Coupled Receptor Kinase 2 in Angioedema. *Hypertension*, **2020**, 76, 1625-1636	6.5	10
56	Serum Uric Acid and Left Ventricular Mass in Essential Hypertension. *Frontiers in Cardiovascular Medicine*, **2020**, 7, 570000	5.4	5

55	Clinical and echocardiographic benefit of Sacubitril/Valsartan in a real-world population with HF with reduced ejection fraction. *Scientific Reports*, **2020**, 10, 6665	4.9	15
54	CaMKII Activity in the Inflammatory Response of Cardiac Diseases. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	30
53	The novel butyrate derivative phenylalanine-butyramide protects from doxorubicin-induced cardiotoxicity. *European Journal of Heart Failure*, **2019**, 21, 519-528	12.3	45
52	Cross-Talk between Neurohormonal Pathways and the Immune System in Heart Failure: A Review of the Literature. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	17
51	Antidiabetic and Cardioprotective Effects of Pharmacological Inhibition of GRK2 in db/db Mice. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	12
50	We are What We Eat: Impact of Food from Short Supply Chain on Metabolic Syndrome. *Journal of Clinical Medicine*, **2019**, 8,	5.1	21
49	Cardiac eccentric remodeling in patients with rheumatoid arthritis. *Scientific Reports*, **2018**, 8, 5867	4.9	5
48	The innate immune system in chronic cardiomyopathy: a European Society of Cardiology (ESC) scientific statement from the Working Group on Myocardial Function of the ESC. *European Journal of Heart Failure*, **2018**, 20, 445-459	12.3	67
47	Vitamin D, parathyroid hormone and cardiovascular risk: the good, the bad and the ugly. *Journal of Cardiovascular Medicine*, **2018**, 19, 62-66	1.9	14
46	GRK2 moderates the acute mitochondrial damage to ionizing radiation exposure by promoting mitochondrial fission/fusion. *Cell Death Discovery*, **2018**, 4, 25	6.9	22
45	Predictors of left ventricular reverse remodeling in patients with chronic heart failure. *Journal of Cardiovascular Medicine*, **2018**, 19, 465-469	1.9	3
44	Diazoxide Improves Mitochondrial Connexin 43 Expression in a Mouse Model of Doxorubicin-Induced Cardiotoxicity. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	12
43	The Amino-Terminal Domain of GRK5 Inhibits Cardiac Hypertrophy through the Regulation of Calcium-Calmodulin Dependent Transcription Factors. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	11
42	Difficult-to-control hypertension: identification of clinical predictors and use of ICT-based integrated care to facilitate blood pressure control. *Journal of Human Hypertension*, **2018**, 32, 467-476	2.6	13
41	Parathyroid Hormone Causes Endothelial Dysfunction by Inducing Mitochondrial ROS and Specific Oxidative Signal Transduction Modifications. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 9582319	6.7	15
40	A Novel Small Peptide Inhibitor of NFB, RH10, Blocks Oxidative Stress-Dependent Phenotypes in Cancer. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 5801807	6.7	2
39	Complex roads from genotype to phenotype in dilated cardiomyopathy: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. *Cardiovascular Research*, **2018**, 114, 1287-1303	9.9	57
38	Cellular subtype expression and activation of CaMKII regulate the fate of atherosclerotic plaque. *Atherosclerosis*, **2017**, 256, 53-61	3.1	14

37	Mechanistic Role of Kinases in the Regulation of Mitochondrial Fitness. *Advances in Experimental Medicine and Biology*, **2017**, 982, 521-528	3.6	5
36	Association Study Between Coronary Artery Disease and rs1333049 Polymorphism at 9p21.3 Locus in Italian Population. *Journal of Cardiovascular Translational Research*, **2017**, 10, 455-458	3.3	7
35	Cardiotoxic Effects of Short-Term Doxorubicin Administration: Involvement of Connexin 43 in Calcium Impairment. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	22
34	Larger Blood Pressure Reduction by Fixed-Dose Compared to Free Dose Combination Therapy of ACE Inhibitor and Calcium Antagonist in Hypertensive Patients. *Translational Medicine @ UniSa*, **2017**, 16, 17-23	0.5	5
33	Functional Role of Mitochondria in Arrhythmogenesis. *Advances in Experimental Medicine and Biology*, **2017**, 982, 191-202	3.6	28
32	Inflammatory mediators in a short-time mouse model of doxorubicin-induced cardiotoxicity. *Toxicology and Applied Pharmacology*, **2016**, 293, 44-52	4.6	68
31	"Freeze, Don't Move": How to Arrest a Suspect in Heart Failure - A Review on Available GRK2 Inhibitors. *Frontiers in Cardiovascular Medicine*, **2016**, 3, 48	5.4	17
30	Integrating GRK2 and NFkappaB in the Pathophysiology of Cardiac Hypertrophy. *Journal of Cardiovascular Translational Research*, **2015**, 8, 493-502	3.3	30
29	Dermcidin: a skeletal muscle myokine modulating cardiomyocyte survival and infarct size after coronary artery ligation. *Cardiovascular Research*, **2015**, 107, 431-41	9.9	22
28	Targeting the CaMKII/ERK Interaction in the Heart Prevents Cardiac Hypertrophy. *PLoS ONE*, **2015**, 10, e0130477	3.7	39
27	High Density Lipoprotein Cholesterol Increasing Therapy: The Unmet Cardiovascular Need. *Translational Medicine @ UniSa*, **2015**, 12, 29-40	0.5	2
26	Good at Heart: Preserving Cardiac Metabolism during aging. *Current Diabetes Reviews*, **2015**, 12, 90-9	2.7	6
25	CaMKII protects MKP-1 from proteasome degradation in endothelial cells. *Cellular Signalling*, **2014**, 26, 2167-74	4.9	6
24	G protein-coupled receptor kinase 2: a link between myocardial contractile function and cardiac metabolism. *Circulation Research*, **2014**, 114, 1661-70	15.7	62
23	Trafficking GRK2: Cellular and Metabolic consequences of GRK2 subcellular localization. *Translational Medicine @ UniSa*, **2014**, 10, 3-7	0.5	20
22	Endothelial G protein-coupled receptor kinase 2 regulates vascular homeostasis through the control of free radical oxygen species. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 2415-24	6.4	27
21	Adrenergic receptors and metabolism: role in development of cardiovascular disease. *Frontiers in Physiology*, **2013**, 4, 265	4.6	42
20	Physical activity ameliorates cardiovascular health in elderly subjects: the functional role of the β adrenergic system. *Frontiers in Physiology*, **2013**, 4, 209	4.6	46

19	2-Adrenergic receptor stimulation improves endothelial progenitor cell-mediated ischemic neoangiogenesis. *Circulation Research*, **2013**, 112, 1026-34	15.7	50
18	Myocardial Ablation of G Protein-Coupled Receptor Kinase 2 (GRK2) Decreases Ischemia/Reperfusion Injury through an Anti-Intrinsic Apoptotic Pathway. *PLoS ONE*, **2013**, 8, e66234	3.7	45
17	AAV6-ARKct gene delivery mediated by molecular cardiac surgery with recirculating delivery (MCARD) in sheep results in robust gene expression and increased adrenergic reserve. *Journal of Thoracic and Cardiovascular Surgery*, **2012**, 143, 720-726.e3	1.5	26
16	Growth inhibition of human hepatocellular carcinoma cells by overexpression of G-protein-coupled receptor kinase 2. *Journal of Cellular Physiology*, **2012**, 227, 2371-7	7	16
15	GRK2 at the control shaft of cellular metabolism. *Current Pharmaceutical Design*, **2012**, 18, 121-7	3.3	16
14	Impaired neoangiogenesis in adrenoceptor gene-deficient mice: restoration by intravascular human adrenoceptor gene transfer and role of NFB and CREB transcription factors. *British Journal of Pharmacology*, **2011**, 162, 712-21	8.6	38
13	G protein-coupled receptor kinase 2 in patients with acute myocardial infarction. *American Journal of Cardiology*, **2011**, 107, 1125-30	3	55
12	G protein-coupled receptor kinase 2 activity impairs cardiac glucose uptake and promotes insulin resistance after myocardial ischemia. *Circulation*, **2011**, 123, 1953-62	16.7	123
11	In vivo properties of the proangiogenic peptide QK. *Journal of Translational Medicine*, **2009**, 7, 41	8.5	85
10	Enhanced GRK2 expression and desensitization of betaAR vasodilatation in hypertensive patients. *Clinical and Translational Science*, **2008**, 1, 215-20	4.9	52
9	Exercise promotes angiogenesis and improves beta-adrenergic receptor signalling in the post-ischaemic failing rat heart. *Cardiovascular Research*, **2008**, 78, 385-94	9.9	99
8	The G-protein-coupled receptor kinase 5 inhibits NFkappaB transcriptional activity by inducing nuclear accumulation of IkappaB alpha. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 17818-23	11.5	93
7	Endothelial beta2 adrenergic signaling to AKT: role of Gi and SRC. *Cellular Signalling*, **2007**, 19, 1949-55	4.9	48
6	Prior exercise improves age-dependent vascular endothelial growth factor downregulation and angiogenesis responses to hind-limb ischemia in old rats. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2007**, 62, 471-80	6.4	15
5	Proangiogenic Effects of 1-Adrenergic Receptor Blockade. *FASEB Journal*, **2007**, 21, A1212	0.9	
4	Ischemic neoangiogenesis enhanced by beta2-adrenergic receptor overexpression: a novel role for the endothelial adrenergic system. *Circulation Research*, **2005**, 97, 1182-9	15.7	140
3	AKT participates in endothelial dysfunction in hypertension. *Circulation*, **2004**, 109, 2587-93	16.7	73
2	Beta(2)-adrenergic receptor gene delivery to the endothelium corrects impaired adrenergic vasorelaxation in hypertension. *Circulation*, **2002**, 106, 349-55	16.7	59

List of Publications

1 Adrenoceptors in cardiovascular and respiratory diseases287-320