Michele Ciccarelli

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8320014/publications.pdf

Version: 2024-02-01

102 papers	3,688 citations	109264 35 h-index	155592 55 g-index
103 all docs	103 docs citations	103 times ranked	5049 citing authors

#	Article	IF	Citations
1	Empagliflozin improves endothelial and cardiomyocyte functionÂin human heart failure with preserved ejection fraction via reduced pro-inflammatory-oxidative pathways and protein kinase GÎ± oxidation. Cardiovascular Research, 2021, 117, 495-507.	1.8	167
2	G Proteinâ€“Coupled Receptor Kinase 2 Activity Impairs Cardiac Glucose Uptake and Promotes Insulin Resistance After Myocardial Ischemia. Circulation, 2011, 123, 1953-1962.	1.6	155
3	Ischemic Neoangiogenesis Enhanced by Î² 2 -Adrenergic Receptor Overexpression. Circulation Research, 2005, 97, 1182-1189.	2.0	154
4	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.	2.9	118
5	Exercise promotes angiogenesis and improves Î²-adrenergic receptor signalling in the post-ischaemic failing rat heart. Cardiovascular Research, 2008, 78, 385-394.	1.8	116
6	The G-protein-coupled receptor kinase 5 inhibits NFÎºB transcriptional activity by inducing nuclear accumulation of IÎºBÎ±. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17818-17823.	3.3	107
7	In vivo properties of the proangiogenic peptide QK. Journal of Translational Medicine, 2009, 7, 41.	1.8	101
8	Inflammatory mediators in a short-time mouse model of doxorubicin-induced cardiotoxicity. Toxicology and Applied Pharmacology, 2016, 293, 44-52.	1.3	94
9	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.	1.8	91
10	AKT Participates in Endothelial Dysfunction in Hypertension. Circulation, 2004, 109, 2587-2593.	1.6	89
11	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.	0.7	88
12	The novel butyrate derivative phenylalanineâ€butyramide protects from doxorubicinâ€induced cardiotoxicity. European Journal of Heart Failure, 2019, 21, 519-528.	2.9	80
13	G Proteinâ€“Coupled Receptor Kinase 2. Circulation Research, 2014, 114, 1661-1670.	2.0	77
14	Î²2-Adrenergic Receptor Gene Delivery to the Endothelium Corrects Impaired Adrenergic Vasorelaxation in Hypertension. Circulation, 2002, 106, 349-355.	1.6	73
15	G Protein-Coupled Receptor Kinase 2 in Patients With Acute Myocardial Infarction. American Journal of Cardiology, 2011, 107, 1125-1130.	0.7	73
16	Post-COVID-19 Syndrome: Involvement and Interactions between Respiratory, Cardiovascular and Nervous Systems. Journal of Clinical Medicine, 2022, 11, 524.	1.0	73
17	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.	1.8	72
18	Physical activity ameliorates cardiovascular health in elderly subjects: the functional role of the Î² adrenergic system. Frontiers in Physiology, 2013, 4, 209.	1.3	68

#	Article	IF	Citations
19	Enhanced GRK2 Expression and Desensitization of Î²AR Vasodilatation in Hypertensive Patients. Clinical and Translational Science, 2008, 1, 215-220.	1.5	65
20	Î² ₂ -Adrenergic Receptor Stimulation Improves Endothelial Progenitor Cellâ€“Mediated Ischemic Neoangiogenesis. Circulation Research, 2013, 112, 1026-1034.	2.0	60
21	The Role of Oxidative Stress in Cardiovascular Aging and Cardiovascular Diseases. Life, 2021, 11, 60.	1.1	60
22	PD-L1 Dysregulation in COVID-19 Patients. Frontiers in Immunology, 2021, 12, 695242.	2.2	59
23	Adrenergic receptors and metabolism: role in development of cardiovascular disease. Frontiers in Physiology, 2013, 4, 265.	1.3	57
24	Endothelial Î²2 adrenergic signaling to AKT: Role of Gi and SRC. Cellular Signalling, 2007, 19, 1949-1955.	1.7	54
25	Myocardial Ablation of G Proteinâ€“Coupled Receptor Kinase 2 (GRK2) Decreases Ischemia/Reperfusion Injury through an Anti-Intrinsic Apoptotic Pathway. PLoS ONE, 2013, 8, e66234.	1.1	52
26	Targeting the CaMKII/ERK Interaction in the Heart Prevents Cardiac Hypertrophy. PLoS ONE, 2015, 10, e0130477.	1.1	52
27	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.	1.8	51
28	CaMKII Activity in the Inflammatory Response of Cardiac Diseases. International Journal of Molecular Sciences, 2019, 20, 4374.	1.8	50
29	Impaired neoangiogenesis in Î²₂â€“adrenoceptor geneâ€deficient mice: restoration by intravascular human Î²₂â€“adrenoceptor gene transfer and role of NFÎºB and CREB transcription factors. British Journal of Pharmacology, 2011, 162, 712-721.	2.7	47
30	We are What We Eat: Impact of Food from Short Supply Chain on Metabolic Syndrome. Journal of Clinical Medicine, 2019, 8, 2061.	1.0	47
31	Integrating GRK2 and NFkappaB in the Pathophysiology of Cardiac Hypertrophy. Journal of Cardiovascular Translational Research, 2015, 8, 493-502.	1.1	46
32	Functional Role of Mitochondria in Arrhythmogenesis. Advances in Experimental Medicine and Biology, 2017, 982, 191-202.	0.8	46
33	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 440â€‰281 patients. European Heart Journal - Cardiovascular Pharmacotherapy, 2021, 7, f20-f29.	1.4	45
34	Precision and Personalized Medicine: How Genomic Approach Improves the Management of Cardiovascular and Neurodegenerative Disease. Genes, 2020, 11, 747.	1.0	44
35	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.	1.8	39
36	Cross-Talk between Neurohormonal Pathways and the Immune System in Heart Failure: A Review of the Literature. International Journal of Molecular Sciences, 2019, 20, 1698.	1.8	38

#	Article	IF	Citations
37	Pathophysiology of <scp>T</scp>akotsubo syndromeÂâ€“Âa joint scientific statement from the Heart Failure Association <scp>T</scp>akotsubo Syndrome Study Group and Myocardial Function Working Group of the <scp>E</scp>uropean Society of CardiologyÂâ€“ÂPart 1: overview and the central role for catecholamines and sympathetic nervous system. European Journal of Heart Failure, 2022, 24, 257-273.	2.9	36
38	Pathophysiology of Takotsubo syndromeÂâ€“ a joint scientific statement from the Heart Failure Association Takotsubo Syndrome Study Group and Myocardial Function Working Group of the European Society of CardiologyÂâ€“ÂPart 2: vascular pathophysiology, gender and sex hormones, genetics, chronic cardiovascular problems and clinical implications. European Journal of Heart Failure, 2022, 24, 274-286.	2.9	34
39	Cardiotoxic Effects of Short-Term Doxorubicin Administration: Involvement of Connexin 43 in Calcium Impairment. International Journal of Molecular Sciences, 2017, 18, 2121.	1.8	32
40	GRK2 moderates the acute mitochondrial damage to ionizing radiation exposure by promoting mitochondrial fission/fusion. Cell Death Discovery, 2018, 4, 25.	2.0	32
41	Parathyroid Hormone Causes Endothelial Dysfunction by Inducing Mitochondrial ROS and Specific Oxidative Signal Transduction Modifications. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-18.	1.9	32
42	A Novel Promising Frontier for Human Health: The Beneficial Effects of Nutraceuticals in Cardiovascular Diseases. International Journal of Molecular Sciences, 2020, 21, 8706.	1.8	32
43	Endothelial G Proteinâ€“Coupled Receptor Kinase 2 Regulates Vascular Homeostasis Through the Control of Free Radical Oxygen Species. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2415-2424.	1.1	31
44	AAV6-Î²ARKct 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.	0.4	30
45	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, 118, 3016-3051.	1.8	30
46	Dermcidin: a skeletal muscle myokine modulating cardiomyocyte survival and infarct size after coronary artery ligation. Cardiovascular Research, 2015, 107, 431-441.	1.8	27
47	Reciprocal organ interactions during heart failure: a position paper from the ESC Working Group on Myocardial Function. Cardiovascular Research, 2021, 117, 2416-2433.	1.8	27
48	Timing of national lockdown and mortality in COVID-19: The Italian experience. International Journal of Infectious Diseases, 2020, 100, 193-195.	1.5	26
49	Clinical and echocardiographic benefit of Sacubitril/Valsartan in a real-world population with HF with reduced ejection fraction. Scientific Reports, 2020, 10, 6665.	1.6	26
50	Exercise Training and Cardiac Rehabilitation in COVID-19 Patients with Cardiovascular Complications: State of Art. Life, 2021, 11, 259.	1.1	25
51	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.	1.4	25
52	Trafficking GRK2: Cellular and Metabolic consequences of GRK2 subcellular localization. Translational Medicine @ UniSa, 2014, 10, 3-7.	0.8	24
53	Role of Endothelial G Protein-Coupled Receptor Kinase 2 in Angioedema. Hypertension, 2020, 76, 1625-1636.	1.3	23
54	Targeting the ASMase/S1P pathway protects from sortilin-evoked vascular damage in hypertension. Journal of Clinical Investigation, 2022, 132, .	3.9	23

#	Article	IF	Citations
55	Diazoxide Improves Mitochondrial Connexin 43 Expression in a Mouse Model of Doxorubicin-Induced Cardiotoxicity. International Journal of Molecular Sciences, 2018, 19, 757.	1.8	22
56	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.	1.0	22
57	Antidiabetic and Cardioprotective Effects of Pharmacological Inhibition of GRK2 in db/db Mice. International Journal of Molecular Sciences, 2019, 20, 1492.	1.8	22
58	Vitamin D: Not Just Bone Metabolism but a Key Player in Cardiovascular Diseases. Life, 2021, 11, 452.	1.1	22
59	â€œFreeze, Donâ€™t Moveâ€• How to Arrest a Suspect in Heart Failure â€“ A Review on Available GRK2 Inhibitors. Frontiers in Cardiovascular Medicine, 2016, 3, 48.	1.1	21
60	Pharmacological inhibition of <scp>GRK2</scp> improves cardiac metabolism and function in experimental heart failure. ESC Heart Failure, 2020, 7, 1571-1584.	1.4	21
61	Growth inhibition of human hepatocellular carcinoma cells by overexpression of Gâ€proteinâ€coupled receptor kinase 2. Journal of Cellular Physiology, 2012, 227, 2371-2377.	2.0	19
62	Vascular and metabolic effects of SGLT2i and GLP-1 in heart failure patients. Heart Failure Reviews, 2023, 28, 733-744.	1.7	19
63	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.	1.2	19
64	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, 471-480.	1.7	18
65	Vitamin D, parathyroid hormone and cardiovascular risk. Journal of Cardiovascular Medicine, 2018, 19, 62-66.	0.6	18
66	GRK2 at the Control Shaft of Cellular Metabolism. Current Pharmaceutical Design, 2012, 18, 121-127.	0.9	17
67	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, 861.	1.8	17
68	Cellular subtype expression and activation of CaMKII regulate the fate of atherosclerotic plaque. Atherosclerosis, 2017, 256, 53-61.	0.4	16
69	Serum Uric Acid and Left Ventricular Mass in Essential Hypertension. Frontiers in Cardiovascular Medicine, 2020, 7, 570000.	1.1	14
70	The Metabolic Role of GRK2 in Insulin Resistance and Associated Conditions. Cells, 2021, 10, 167.	1.8	14
71	Benefit from sacubitril/valsartan is associated with hemodynamic improvement in heart failure with reduced ejection fraction: An echocardiographic study. International Journal of Cardiology, 2022, 350, 62-68.	0.8	13
72	Echocardiographically defined haemodynamic categorization predicts prognosis in ambulatory heart failure patients treated with sacubitril/valsartan. ESC Heart Failure, 2022, 9, 1107-1117.	1.4	12

#	Article	IF	Citations
73	Sacubitril/valsartan reduces indications for arrhythmic primary prevention in heart failure with reduced ejection fraction: insights from DISCOVER-ARNI, a multicenterÂItalian register. European Heart Journal Open, 2022, 2, .	0.9	11
74	Cardiac eccentric remodeling in patients with rheumatoid arthritis. Scientific Reports, 2018, 8, 5867.	1.6	10
75	Predictors of sacubitril/valsartan high dose tolerability in a real world population with HFrEF. ESC Heart Failure, 2022, 9, 2909-2917.	1.4	10
76	Mechanistic Role of Kinases in the Regulation of Mitochondrial Fitness. Advances in Experimental Medicine and Biology, 2017, 982, 521-528.	0.8	9
77	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.	1.1	9
78	Biomarkers Predict In-Hospital Major Adverse Cardiac Events in COVID-19 Patients: A Multicenter International Study. Journal of Clinical Medicine, 2021, 10, 5863.	1.0	9
79	CaMKII protects MKP-1 from proteasome degradation in endothelial cells. Cellular Signalling, 2014, 26, 2167-2174.	1.7	8
80	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.	0.3	8
81	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.	1.1	7
82	Predictors of left ventricular reverse remodeling in patients with chronic heart failure. Journal of Cardiovascular Medicine, 2018, 19, 465-469.	0.6	7
83	Sirt1 Activity in PBMCs as a Biomarker of Different Heart Failure Phenotypes. Biomolecules, 2020, 10, 1590.	1.8	7
84	Exploiting GRK2 Inhibition as a Therapeutic Option in Experimental Cancer Treatment: Role of p53-Induced Mitochondrial Apoptosis. Cancers, 2020, 12, 3530.	1.7	6
85	Good at Heart: Preserving Cardiac Metabolism during aging. Current Diabetes Reviews, 2015, 12, 90-99.	0.6	6
86	A Novel Vasoactive Peptide â€œPG1â€•from Buffalo Ice-Cream Protects from Angiotensin-Evoked High Blood Pressure. Antioxidants, 2021, 10, 441.	2.2	5
87	Healthberry 865Â® and Its Related, Specific, Single Anthocyanins Exert a Direct Vascular Action, Modulating Both Endothelial Function and Oxidative Stress. Antioxidants, 2021, 10, 1191.	2.2	5
88	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.	0.8	5
89	A Novel Combination of High-Load Omega-3 Lysine Complex (AvailOmÂ®) and Anthocyanins Exerts Beneficial Cardiovascular Effects. Antioxidants, 2022, 11, 896.	2.2	5
90	A Novel Small Peptide Inhibitor of NFÎºB, RH10, Blocks Oxidative Stress-Dependent Phenotypes in Cancer. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-9.	1.9	4

#	Article	IF	Citations
91	High Density Lipoprotein Cholesterol Increasing Therapy: The Unmet Cardiovascular Need. Translational Medicine @ UniSa, 2015, 12, 29-40.	0.8	4
92	Predictors of complications in initially haemodynamically stable patients admitted in a modern coronary care unit. Journal of Cardiovascular Medicine, 2021, 22, 553-559.	0.6	2
93	Kinase independent inhibition of NFÎºB transcriptional activity by GRK5 through IÎºBÎ± stabilization.. Nature Precedings, 2007, , .	0.1	0
94	Î²-Adrenoceptors in cardiovascular and respiratory diseases. , 0, , 287-320.		0
95	Proangiogenic Effects of Î±1â€Adrenergic Receptor Blockade. FASEB Journal, 2007, 21, A1212.	0.2	0
96	Tackling Cardiovascular Risk: New Evidence from Personalized Medicine. Current Pharmacogenomics and Personalized Medicine, 2017, 15, .	0.2	0
97	454â€ƒMitral regurgitation and in-hospital mortality in patients with heart failure and low flow low gradient aortic stenosis. European Heart Journal Supplements, 2021, 23, .	0.0	0
98	611â€ƒMild cognitive impairment is associated with subclinical left ventricular dysfunction as assessed by global longitudinal strain in hypertensive patients. European Heart Journal Supplements, 2021, 23, .	0.0	0
99	279â€ƒMedical treatment with ARNI may reduce indications for primary prevention of sudden cardiac death in heart failure with reduced ejection fraction: insights from discover-ARNI, a multicentre Italian register. European Heart Journal Supplements, 2021, 23, .	0.0	0
100	266â€ƒDeformation imaging by strain in chronic heart failure over sacubitrilâ€“valsartan: a multicentre echocardiographic registry (discover)â€”ARNI. European Heart Journal Supplements, 2021, 23, .	0.0	0
101	487â€ƒInstrumental evaluation of mild cognitive decline in hypertensive patients: the role of transcranial doppler. European Heart Journal Supplements, 2021, 23, .	0.0	0
102	535â€ƒRight ventricular dysfunction is independent predictor of in-hospital mortality in patients with low flow low gradient aortic stenosis. European Heart Journal Supplements, 2021, 23, .	0.0	0