Ioanna Andreadou

List of Publications by Year
in descending order

70	3,467	172386	149623
papers	citations	29 h-index	56 g-index

71	71	71	5302
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multitarget Strategies to Reduce Myocardial Ischemia/Reperfusion Injury. Journal of the American College of Cardiology, 2019, 73, 89-99.	1.2	484
2	Practical guidelines for rigor and reproducibility in preclinical and clinical studies on cardioprotection. Basic Research in Cardiology, 2018, 113, 39.	2.5	311
3	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). Redox Biology, 2017, 13, 94-162.	3.9	242
4	Immune cells as targets for cardioprotection: new players and novel therapeutic opportunities. Cardiovascular Research, 2019, 115, 1117-1130.	1.8	125
5	Circulating blood cells and extracellular vesicles in acute cardioprotection. Cardiovascular Research, 2019, 115, 1156-1166.	1.8	106
6	Effects of 6-month treatment with the glucagon like peptide-1 analogue liraglutide on arterial stiffness, left ventricular myocardial deformation and oxidative stress in subjects with newly diagnosed type 2 diabetes. Cardiovascular Diabetology, 2018, 17, 8.	2.7	102
7	Cardiac metabolism as a driver and therapeutic target of myocardial infarction. Journal of Cellular and Molecular Medicine, 2020, 24, 5937-5954.	1.6	101
8	Empagliflozin Limits Myocardial Infarction in Vivo and Cell Death in Vitro: Role of STAT3, Mitochondria, and Redox Aspects. Frontiers in Physiology, 2017, 8, 1077.	1.3	100
9	Oleuropein prevents doxorubicin-induced cardiomyopathy interfering with signaling molecules and cardiomyocyte metabolism. Journal of Molecular and Cellular Cardiology, 2014, 69, 4-16.	0.9	98
10	Molecular mechanisms of carfilzomib-induced cardiotoxicity in mice and the emerging cardioprotective role of metformin. Blood, 2019, 133, 710-723.	0.6	82
11	Electronic Cigarette Smoking Increases Arterial Stiffness and Oxidative Stress to a Lesser Extent Than a Single Conventional Cigarette. Circulation, 2018, 137, 303-306.	1.6	81
12	Association of <scp>COVID</scp>â€19 with impaired endothelial glycocalyx, vascular function andÂmyocardial deformation 4 months after infection. European Journal of Heart Failure, 2021, 23, 1916-1926.	2.9	81
13	IMproving Preclinical Assessment of Cardioprotective Therapies (IMPACT) criteria: guidelines of the EU-CARDIOPROTECTION COST Action. Basic Research in Cardiology, 2021, 116, 52.	2.5	73
14	Cardioprotection by H2S Donors: Nitric Oxide-Dependent and -Independent Mechanisms. Journal of Pharmacology and Experimental Therapeutics, 2016, 358, 431-440.	1.3	72
15	Effect of hypercholesterolaemia on myocardial function, ischaemiaâ€“reperfusion injury and cardioprotection by preconditioning, postconditioning and remote conditioning. British Journal of Pharmacology, 2017, 174, 1555-1569.	2.7	71
16	Effect of hyperglycaemia and diabetes on acute myocardial ischaemiaâ€“reperfusion injury and cardioprotection by ischaemic conditioning protocols. British Journal of Pharmacology, 2020, 177, 5312-5335.	2.7	68
17	SGLT2 inhibitors reduce infarct size in reperfused ischemic heart and improve cardiac function during ischemic episodes in preclinical models. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165770.	1.8	62
18	Redox-related biomarkers in human cardiovascular disease - classical footprints and beyond. Redox Biology, 2021, 42, 101875.	3.9	59

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19	The role of mitochondrial reactive oxygen species, NO and H₂S in ischaemia/reperfusion injury and cardioprotection. Journal of Cellular and Molecular Medicine, 2020, 24, 6510-6522.	1.6	58
20	AMP-activated protein kinase: A remarkable contributor to preserve a healthy heart against ROS injury. Free Radical Biology and Medicine, 2021, 166, 238-254.	1.3	52
21	Discovery of new therapeutic redox targets for cardioprotection against ischemia/reperfusion injury and heart failure. Free Radical Biology and Medicine, 2021, 163, 325-343.	1.3	48
22	To prevent, protect and save the ischemic heart: antioxidants revisited. Expert Opinion on Therapeutic Targets, 2009, 13, 945-956.	1.5	45
23	Effects of varenicline and nicotine replacement therapy on arterial elasticity, endothelial glycocalyx and oxidative stress during a 3-month smoking cessation program. Atherosclerosis, 2017, 262, 123-130.	0.4	45
24	Tocilizumab improves oxidative stress and endothelial glycocalyx: A mechanism that may explain the effects of biological treatment on COVID-19. Food and Chemical Toxicology, 2020, 145, 111694.	1.8	45
25	Chronic Empagliflozin Treatment Reduces Myocardial Infarct Size in Nondiabetic Mice Through STAT-3-Mediated Protection on Microvascular Endothelial Cells and Reduction of Oxidative Stress. Antioxidants and Redox Signaling, 2021, 34, 551-571.	2.5	44
26	Hyperlipidaemia and cardioprotection: Animal models for translational studies. British Journal of Pharmacology, 2020, 177, 5287-5311.	2.7	43
27	Differential effects of inhibition of interleukin 1 and 6 on myocardial, coronary and vascular function. Clinical Research in Cardiology, 2019, 108, 1093-1101.	1.5	41
28	The Role of O-GlcNAcylation for Protection against Ischemia-Reperfusion Injury. International Journal of Molecular Sciences, 2019, 20, 404.	1.8	40
29	Hydroxytyrosol ameliorates metabolic, cardiovascular and liver changes in a rat model of diet-induced metabolic syndrome: Pharmacological and metabolism-based investigation. Pharmacological Research, 2017, 117, 32-45.	3.1	38
30	Levosimendan prevents doxorubicin-induced cardiotoxicity in time- and dose-dependent manner: implications for inotropy. Cardiovascular Research, 2020, 116, 576-591.	1.8	32
31	The olive constituent oleuropein, as a PPARÎ± agonist, markedly reduces serum triglycerides. Journal of Nutritional Biochemistry, 2018, 59, 17-28.	1.9	31
32	Nitroglycerine limits infarct size through S-nitrosation of cyclophilin D: a novel mechanism for an old drug. Cardiovascular Research, 2019, 115, 625-636.	1.8	31
33	Reciprocal regulation of eNOS, H2S and CO-synthesizing enzymes in human atheroma: Correlation with plaque stability and effects of simvastatin. Redox Biology, 2017, 12, 70-81.	3.9	30
34	Influence of cardiometabolic comorbidities on myocardial function, infarction, and cardioprotection: Role of cardiac redox signaling. Free Radical Biology and Medicine, 2021, 166, 33-52.	1.3	28
35	Myocardial work and vascular dysfunction are partially improved at 12 months after <scp>COVID</scp>â€19 infection. European Journal of Heart Failure, 2022, 24, 727-729.	2.9	28
36	Synthesis and Pharmacological Evaluation of Novel Adenineâ€“Hydrogen Sulfide Slow Release Hybrids Designed as Multitarget Cardioprotective Agents. Journal of Medicinal Chemistry, 2016, 59, 1776-1790.	2.9	26

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37	Effects of Different Antidiabetic Medications on Endothelial Glycocalyx, Myocardial Function, and Vascular Function in Type 2 Diabetic Patients: One Year Followâ€“Up Study. Journal of Clinical Medicine, 2019, 8, 983.	1.0	25
38	Investigating and re-evaluating the role of glycogen synthase kinase 3 beta kinase as a molecular target for cardioprotection by using novel pharmacological inhibitors. Cardiovascular Research, 2019, 115, 1228-1243.	1.8	25
39	Tyrosine phosphorylation of eNOS regulates myocardial survival after an ischaemic insult: role of PYK2. Cardiovascular Research, 2017, 113, 926-937.	1.8	25
40	â€œPistacia lentiscus L.â€•reduces the infarct size in normal fed anesthetized rabbits and possess antiatheromatic and hypolipidemic activity in cholesterol fed rabbits. Phytomedicine, 2016, 23, 1220-1226.	2.3	24
41	PCSK9 in Myocardial Infarction and Cardioprotection: Importance of Lipid Metabolism and Inflammation. Frontiers in Physiology, 2020, 11, 602497.	1.3	24
42	Chronic inflammatory diseases, myocardial function and cardioprotection. British Journal of Pharmacology, 2020, 177, 5357-5374.	2.7	24
43	Vascular conditioning prevents adverse left ventricular remodelling after acute myocardial infarction: a randomised remote conditioning study. Basic Research in Cardiology, 2021, 116, 9.	2.5	24
44	Thiol-based redox-active proteins as cardioprotective therapeutic agents in cardiovascular diseases. Basic Research in Cardiology, 2021, 116, 44.	2.5	24
45	Impaired Arterial Elastic Properties and Endothelial Glycocalyx in Patients with Embolic Stroke of Undetermined Source. Thrombosis and Haemostasis, 2019, 119, 1860-1868.	1.8	22
46	Reactive Vasodilation Predicts Mortality in Primary Systemic Light-Chain Amyloidosis. Circulation Research, 2019, 125, 744-758.	2.0	22
47	Effects of electronic cigarette on platelet and vascular function after four months of use. Food and Chemical Toxicology, 2020, 141, 111389.	1.8	21
48	Cardioprotection by selective SGLT-2 inhibitors in a non-diabetic mouse model of myocardial ischemia/reperfusion injury: a class or a drug effect?. Basic Research in Cardiology, 2022, 117, 27.	2.5	21
49	Effects of a 12-Month Treatment with Glucagon-like Peptide-1 Receptor Agonists, Sodium-Glucose Cotransporter-2 Inhibitors, and Their Combination on Oxidant and Antioxidant Biomarkers in Patients with Type 2 Diabetes. Antioxidants, 2021, 10, 1379.	2.2	15
50	Acute administration of the olive constituent, oleuropein, combined with ischemic postconditioning increases myocardial protection by modulating oxidative defense. Free Radical Biology and Medicine, 2021, 166, 18-32.	1.3	14
51	Platelet-Mediated Transfer of Cardioprotection by Remote Ischemic Conditioning and Its Abrogation by Aspirin But Not by Ticagrelor. Cardiovascular Drugs and Therapy, 2023, 37, 865-876.	1.3	14
52	Investigating the Vascular Toxicity Outcomes of the Irreversible Proteasome Inhibitor Carfilzomib. International Journal of Molecular Sciences, 2020, 21, 5185.	1.8	12
53	Increased levels of circulating platelet-derived microparticles in psoriasis: Possible implications for the associated cardiovascular risk. World Journal of Cardiology, 2016, 8, 667.	0.5	12
54	Ranolazine triggers pharmacological preconditioning and postconditioning in anesthetized rabbits through activation of RISK pathway. European Journal of Pharmacology, 2016, 789, 431-438.	1.7	11

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55	Î²-Amyloid and mitochondrial-derived peptide-c are additive predictors of adverse outcome to high-on-treatment platelet reactivity in type 2 diabetics with revascularized coronary artery disease. Journal of Thrombosis and Thrombolysis, 2020, 49, 365-376.	1.0	11
56	The platelet paradox of injury versus protection in myocardial infarctionâ€"has it been overlooked?. Basic Research in Cardiology, 2021, 116, 37.	2.5	11
57	Exposure to cigarette smoke abrogates the beneficial effect of ischemic postconditioning. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H1321-H1332.	1.5	10
58	Differential effects of heat-not-burn and conventional cigarettes on coronary flow, myocardial and vascular function. Scientific Reports, 2021, 11, 11808.	1.6	9
59	Risk factors, coâ€morbidities, and coâ€medications in cardioprotection: Importance for translation. British Journal of Pharmacology, 2020, 177, 5249-5251.	2.7	8
60	Elucidating Carfilzomibâ€™s Induced Cardiotoxicity in an In Vivo Model of Aging: Prophylactic Potential of Metformin. International Journal of Molecular Sciences, 2021, 22, 10956.	1.8	8
61	Effects of Anti-Inflammatory Treatment and Surgical Intervention on Endothelial Glycocalyx, Peripheral and Coronary Microcirculatory Function and Myocardial Deformation in Inflammatory Bowel Disease Patients: A Two-Arms Two-Stage Clinical Trial. Diagnostics, 2021, 11, 993.	1.3	7
62	Shining the spotlight on cardioprotection: beyond the cardiomyocyte. Cardiovascular Research, 2019, 115, 1115-1116.	1.8	6
63	Daratumumab May Attenuate Cardiac Dysfunction Related to Carfilzomib in Patients with Relapsed/Refractory Multiple Myeloma: A Prospective Study. Cancers, 2021, 13, 5057.	1.7	6
64	Special issue â€œImplications of oxidative stress and redox biochemistry for heart disease and cardioprotection - The EU-CARDIOPROTECTION COST action (CA16225)â€. Free Radical Biology and Medicine, 2021, 171, 314-318.	1.3	3
65	Novel Evidence-Based Combination of Plant Extracts with Multitarget Mechanisms of Action for the Elimination of Hot Flashes during Menopause. Molecules, 2022, 27, 1221.	1.7	3
66	Editorial: PCSK9: Importance in Physiology and Pathophysiology. Frontiers in Physiology, 2021, 12, 706115.	1.3	2
67	Carfilzomib-Induced Hypertension Is Mediated By Ion Channel Dysregulation in the Kidneys; The Potent Role of AMP-Activated Kinase Î±. Blood, 2020, 136, 34-35.	0.6	1
68	Editorial: The Challenge of New Therapeutic Approaches for Unmet Therapeutic Needs. Frontiers in Pharmacology, 2020, 11, 01341.	1.6	0
69	Platelets Serve as Circulating Mediators of Cardioprotection by Remote Ischemic Conditioning in Healthy Volunteers. FASEB Journal, 2021, 35, .	0.2	0
70	Carfilzomib-Induced Cardiotoxicity in an In Vivo Model of Aging. Blood, 2020, 136, 18-18.	0.6	0