

Pasquale Pagliaro

List of Publications by Citations

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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.

161
papers

5,481
citations

41
h-index

67
g-index

181
ext. papers

6,336
ext. citations

5.6
avg. IF

5.82
L-index

#	Paper	IF	Citations
161	Practical guidelines for rigor and reproducibility in preclinical and clinical studies on cardioprotection. <i>Basic Research in Cardiology</i> , 2018 , 113, 39	11.8	224
160	Ischemia/reperfusion injury and cardioprotective mechanisms: Role of mitochondria and reactive oxygen species. <i>World Journal of Cardiology</i> , 2011 , 3, 186-200	2.1	218
159	Post-conditioning induced cardioprotection requires signaling through a redox-sensitive mechanism, mitochondrial ATP-sensitive K ⁺ channel and protein kinase C activation. <i>Basic Research in Cardiology</i> , 2006 , 101, 180-9	11.8	198
158	Nitroxyl affords thiol-sensitive myocardial protective effects akin to early preconditioning. <i>Free Radical Biology and Medicine</i> , 2003 , 34, 33-43	7.8	169
157	Nitric oxide and cardiac function. <i>Life Sciences</i> , 2007 , 81, 779-93	6.8	158
156	Cardioprotection: a radical view Free radicals in pre and postconditioning. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009 , 1787, 781-93	4.6	156
155	Physiological and pharmacological features of the novel gasotransmitter: hydrogen sulfide. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009 , 1787, 864-72	4.6	137
154	Mitochondrial pathways, permeability transition pore, and redox signaling in cardioprotection: therapeutic implications. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 556-99	8.4	127
153	Intermittent activation of bradykinin B2 receptors and mitochondrial KATP channels trigger cardiac postconditioning through redox signaling. <i>Cardiovascular Research</i> , 2007 , 75, 168-77	9.9	112
152	Post-conditioning reduces infarct size in the isolated rat heart: role of coronary flow and pressure and the nitric oxide/cGMP pathway. <i>Basic Research in Cardiology</i> , 2006 , 101, 168-79	11.8	103
151	Cardioprotective pathways during reperfusion: focus on redox signaling and other modalities of cell signaling. <i>Antioxidants and Redox Signaling</i> , 2011 , 14, 833-50	8.4	100
150	The paradigm of postconditioning to protect the heart. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 435-58	5.6	99
149	Redox balance and cardioprotection. <i>Basic Research in Cardiology</i> , 2013 , 108, 392	11.8	97
148	Muscle metaboreflex-induced increases in stroke volume. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 221-8; discussion 229	1.2	97
147	Playing with cardiac "redox switches": the "HNO way" to modulate cardiac function. <i>Antioxidants and Redox Signaling</i> , 2011 , 14, 1687-98	8.4	87
146	Ischemic preconditioning: from the first to the second window of protection. <i>Life Sciences</i> , 2001 , 69, 1-15	6.8	84
145	Impaired central hemodynamic response and exaggerated vasoconstriction during muscle metaboreflex activation in heart failure patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H2988-96	5.2	81

144	COVID-19-associated cardiovascular morbidity in older adults: a position paper from the Italian Society of Cardiovascular Researches. <i>GeroScience</i> , 2020 , 42, 1021-1049	8.9	78
143	Orthogonal properties of the redox siblings nitroxyl and nitric oxide in the cardiovascular system: a novel redox paradigm. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H2264-76	5.2	75
142	Antineoplastic Drug-Induced Cardiotoxicity: A Redox Perspective. <i>Frontiers in Physiology</i> , 2018 , 9, 167	4.6	74
141	From Molecular Mechanisms to Clinical Management of Antineoplastic Drug-Induced Cardiovascular Toxicity: A Translational Overview. <i>Antioxidants and Redox Signaling</i> , 2019 , 30, 2110-2153	8.4	73
140	Innate immunity as a target for acute cardioprotection. <i>Cardiovascular Research</i> , 2019 , 115, 1131-1142	9.9	70
139	Circulating blood cells and extracellular vesicles in acute cardioprotection. <i>Cardiovascular Research</i> , 2019 , 115, 1156-1166	9.9	67
138	Modulation of cardiac contractility by muscle metaboreflex following efforts of different intensities in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 291, H3035-42	5.2	65
137	Differential biological effects of products of nitric oxide (NO) synthase: it is not enough to say NO. <i>Life Sciences</i> , 2003 , 73, 2137-49	6.8	64
136	Postconditioning cardioprotection against infarct size and post-ischemic systolic dysfunction is influenced by gender. <i>Basic Research in Cardiology</i> , 2009 , 104, 390-402	11.8	63
135	Mesenchymal stem cell interaction with a non-woven hyaluronan-based scaffold suitable for tissue repair. <i>Journal of Anatomy</i> , 2008 , 213, 520-30	2.9	61
134	Pharmacological Inhibition of NLRP3 Inflammasome Attenuates Myocardial Ischemia/Reperfusion Injury by Activation of RISK and Mitochondrial Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 5271251	6.7	61
133	Postconditioning induces an anti-apoptotic effect and preserves mitochondrial integrity in isolated rat hearts. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009 , 1787, 794-801	4.6	57
132	Redox signalling and cardioprotection: translatability and mechanism. <i>British Journal of Pharmacology</i> , 2015 , 172, 1974-95	8.6	56
131	Mitochondrial and mitochondrial-independent pathways of myocardial cell death during ischaemia and reperfusion injury. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 3795-3806	5.6	56
130	Apelin-13 limits infarct size and improves cardiac postischemic mechanical recovery only if given after ischemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 300, H2308-15	5.2	56
129	Postconditioning and intermittent bradykinin induced cardioprotection require cyclooxygenase activation and prostacyclin release during reperfusion. <i>Basic Research in Cardiology</i> , 2008 , 103, 368-77	11.8	56
128	Catestatin improves post-ischemic left ventricular function and decreases ischemia/reperfusion injury in heart. <i>Cellular and Molecular Neurobiology</i> , 2010 , 30, 1171-9	4.6	55
127	Human recombinant chromogranin A-derived vasostatin-1 mimics preconditioning via an adenosine/nitric oxide signaling mechanism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H719-27	5.2	55

126	Catestatin reduces myocardial ischaemia/reperfusion injury: involvement of PI3K/Akt, PKCs, mitochondrial KATP channels and ROS signalling. <i>Pflugers Archiv European Journal of Physiology</i> , 2013 , 465, 1031-40	4.6	50
125	Effects of a protocol of ischemic postconditioning and/or captopril in hearts of normotensive and hypertensive rats. <i>Basic Research in Cardiology</i> , 2010 , 105, 181-92	11.8	50
124	Morphological characterization of GFP stably transfected adult mesenchymal bone marrow stem cells. <i>Journal of Anatomy</i> , 2006 , 208, 3-12	2.9	49
123	Rethinking the renin-angiotensin system and its role in cardiovascular regulation. <i>Cardiovascular Drugs and Therapy</i> , 2005 , 19, 77-87	3.9	47
122	Exercise-induced and nitroglycerin-induced myocardial preconditioning improves hemodynamics in patients with angina. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 287, H235-42	5.2	43
121	Platelets, diabetes and myocardial ischemia/reperfusion injury. <i>Cardiovascular Diabetology</i> , 2017 , 16, 71	8.7	42
120	Diazoxide postconditioning induces mitochondrial protein S-nitrosylation and a redox-sensitive mitochondrial phosphorylation/translocation of RISK elements: no role for SAFE. <i>Basic Research in Cardiology</i> , 2013 , 108, 371	11.8	41
119	Effect of hyperglycaemia and diabetes on acute myocardial ischaemia-reperfusion injury and cardioprotection by ischaemic conditioning protocols. <i>British Journal of Pharmacology</i> , 2020 , 177, 5312-5335	8.6	40
118	Effect of endothelins on the cardiovascular system. <i>Journal of Cardiovascular Medicine</i> , 2006 , 7, 645-52	1.9	40
117	Role of calcium-sensitive K(+) channels and nitric oxide in in vivo coronary vasodilation from enhanced perfusion pulsatility. <i>Circulation</i> , 2001 , 103, 119-24	16.7	40
116	In vitro and in vivo studies of F(0)F(1)ATP synthase regulation by inhibitor protein IF(1) in goat heart. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2004 , 1659, 52-62	4.6	39
115	Platelet-activating factor induces cardioprotection in isolated rat heart akin to ischemic preconditioning: role of phosphoinositide 3-kinase and protein kinase C activation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 288, H2512-20	5.2	39
114	A recommended practical approach to the management of anthracycline-based chemotherapy cardiotoxicity: an opinion paper of the working group on drug cardiotoxicity and cardioprotection, Italian Society of Cardiology. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S84-92	1.9	39
113	ACE/ACE2 Ratio: A Key Also in 2019 Coronavirus Disease (Covid-19)?. <i>Frontiers in Medicine</i> , 2020 , 7, 335	4.9	38
112	Pharmacologically active microcarriers influence VEGF-A effects on mesenchymal stem cell survival. <i>Journal of Cellular and Molecular Medicine</i> , 2013 , 17, 192-204	5.6	37
111	Ischemia/reperfusion injury is increased and cardioprotection by a postconditioning protocol is lost as cardiac hypertrophy develops in nandrolone treated rats. <i>Basic Research in Cardiology</i> , 2011 , 106, 409-20	11.8	37
110	Sex-related differences in COVID-19 lethality. <i>British Journal of Pharmacology</i> , 2020 , 177, 4375-4385	8.6	36
109	Metaflammation: Tissue-Specific Alterations of the NLRP3 Inflammasome Platform in Metabolic Syndrome. <i>Current Medicinal Chemistry</i> , 2018 , 25, 1294-1310	4.3	35

108	Maladaptive Modulations of NLRP3 Inflammasome and Cardioprotective Pathways Are Involved in Diet-Induced Exacerbation of Myocardial Ischemia/Reperfusion Injury in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 3480637	6.7	35
107	Limited plasticity of mesenchymal stem cells cocultured with adult cardiomyocytes. <i>Journal of Cellular Biochemistry</i> , 2007 , 100, 86-99	4.7	34
106	Improving the preclinical models for the study of chemotherapy-induced cardiotoxicity: a Position Paper of the Italian Working Group on Drug Cardiotoxicity and Cardioprotection. <i>Heart Failure Reviews</i> , 2015 , 20, 621-31	5	32
105	Role of NLRP-3 Inflammasome in Hypertension: A Potential Therapeutic Target. <i>Current Pharmaceutical Biotechnology</i> , 2018 , 19, 708-714	2.6	32
104	Overexpression of the muscle-specific protein, melusin, protects from cardiac ischemia/reperfusion injury. <i>Basic Research in Cardiology</i> , 2014 , 109, 418	11.8	31
103	Ischaemic preconditioning changes the pattern of coronary reactive hyperaemia in the goat: role of adenosine and nitric oxide. <i>Cardiovascular Research</i> , 1999 , 42, 57-64	9.9	31
102	A recommended practical approach to the management of target therapy and angiogenesis inhibitors cardiotoxicity: an opinion paper of the working group on drug cardiotoxicity and cardioprotection, Italian Society of Cardiology. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S93-S104	1.9	31
101	Effect of differences in post-exercise lactate accumulation in athletes. <i>Phaemodynamics. Applied Physiology, Nutrition and Metabolism</i> , 2006 , 31, 423-31	3	29
100	Haemodynamic responses following intermittent supramaximal exercise in athletes. <i>Experimental Physiology</i> , 2004 , 89, 665-74	2.4	29
99	Bone marrow mesenchymal stem cells increase motility of prostate cancer cells via production of stromal cell-derived factor-1. <i>Journal of Cellular and Molecular Medicine</i> , 2013 , 17, 287-92	5.6	27
98	Endogenous Cardioprotective Agents: Role in Pre and Postconditioning. <i>Current Drug Targets</i> , 2015 , 16, 843-67	3	27
97	Protein S-nitrosylation in preconditioning and postconditioning. <i>Experimental Biology and Medicine</i> , 2014 , 239, 647-62	3.7	26
96	GH-releasing hormone induces cardioprotection in isolated male rat heart via activation of RISK and SAFE pathways. <i>Endocrinology</i> , 2013 , 154, 1624-35	4.8	26
95	Cardioprotection by gene therapy: A review paper on behalf of the Working Group on Drug Cardiotoxicity and Cardioprotection of the Italian Society of Cardiology. <i>International Journal of Cardiology</i> , 2015 , 191, 203-10	3.2	25
94	Post-ischemic early acidosis in cardiac postconditioning modifies the activity of antioxidant enzymes, reduces nitration, and favors protein S-nitrosylation. <i>Pflugers Archiv European Journal of Physiology</i> , 2011 , 462, 219-33	4.6	25
93	Extracellular vesicles and cardiovascular system: Biomarkers and Cardioprotective Effectors. <i>Vascular Pharmacology</i> , 2020 , 135, 106790	5.9	25
92	Pathophysiology of anthracycline cardiotoxicity. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S3-S11	1.9	25
91	Early homing of adult mesenchymal stem cells in normal and infarcted isolated beating hearts. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 507-21	5.6	24

90	The Gaboon viper, <i>Bitis gabonica</i> : hemorrhagic, metabolic, cardiovascular and clinical effects of the venom. <i>Life Sciences</i> , 1997 , 61, 763-9	6.8	23
89	Catestatin increases the expression of anti-apoptotic and pro-angiogenetic factors in the post-ischemic hypertrophied heart of SHR. <i>PLoS ONE</i> , 2014 , 9, e102536	3.7	23
88	Nitroso-Redox Balance and Modulation of Basal Myocardial Function: An Update from the Italian Society of Cardiovascular Research (SIRC). <i>Current Drug Targets</i> , 2015 , 16, 895-903	3	23
87	Novel insights in pathophysiology of antiproliferative drugs-induced cardiotoxicity and cardioprotection. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S76-83	1.9	22
86	Notch1 Mediates Preconditioning Protection Induced by GPER in Normotensive and Hypertensive Female Rat Hearts. <i>Frontiers in Physiology</i> , 2018 , 9, 521	4.6	22
85	The effect of bioartificial constructs that mimic myocardial structure and biomechanical properties on stem cell commitment towards cardiac lineage. <i>Biomaterials</i> , 2014 , 35, 92-104	15.6	22
84	Postconditioning with glucagon like peptide-2 reduces ischemia/reperfusion injury in isolated rat hearts: role of survival kinases and mitochondrial KATP channels. <i>Basic Research in Cardiology</i> , 2012 , 107, 272	11.8	22
83	F0F1 ATP synthase activity is differently modulated by coronary reactive hyperemia before and after ischemic preconditioning in the goat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 287, H2192-200	5.2	22
82	New insights into nitric oxide and coronary circulation. <i>Life Sciences</i> , 1999 , 65, 2167-74	6.8	22
81	Obestatin regulates cardiovascular function and promotes cardioprotection through the nitric oxide pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 3670-3678	5.6	21
80	Diabetic Cardiomyopathy and Ischemic Heart Disease: Prevention and Therapy by Exercise and Conditioning. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	20
79	Preventing antiproliferative drug-related cardiomyopathy: old and new therapeutic strategies. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S64-75	1.9	18
78	βCyclodextrin and βCyclodextrin Polymers as Oxygen Nanocarriers to Limit Hypoxia/Reoxygenation Injury: Implications from an In Vitro Model. <i>Polymers</i> , 2018 , 10,	4.5	18
77	Role of biomarkers in monitoring antiproliferative cardiotoxicity. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S27-34	1.9	17
76	Hypertension, hypertrophy, and reperfusion injury. <i>Journal of Cardiovascular Medicine</i> , 2017 , 18, 131-135	1.9	16
75	Is macrophages heterogeneity important in determining COVID-19 lethality?. <i>Medical Hypotheses</i> , 2020 , 143, 110073	3.8	15
74	Apelin-induced cardioprotection against ischaemia/reperfusion injury: roles of epidermal growth factor and Src. <i>Acta Physiologica</i> , 2018 , 222, e12924	5.6	15
73	Myocardial, neural and vascular aspects of ischemic preconditioning. <i>Life Sciences</i> , 1996 , 59, 1185-92	6.8	15

72	Physical activity/inactivity and COVID-19. <i>European Journal of Preventive Cardiology</i> , 2020 ,	3.9	14
71	Mitochondria in Cardiac Postconditioning. <i>Frontiers in Physiology</i> , 2018 , 9, 287	4.6	14
70	Cardioprotective Properties of Human Platelets Are Lost in Uncontrolled Diabetes Mellitus: A Study in Isolated Rat Hearts. <i>Frontiers in Physiology</i> , 2018 , 9, 875	4.6	14
69	Silica nanoparticles actively engage with mesenchymal stem cells in improving acute functional cardiac integration. <i>Nanomedicine</i> , 2018 , 13, 1121-1138	5.6	14
68	Human mesenchymal stem cells labelled with dye-loaded amorphous silica nanoparticles: long-term biosafety, stemness preservation and traceability in the beating heart. <i>Journal of Nanobiotechnology</i> , 2015 , 13, 77	9.4	14
67	Cardioprotection against ischemia/reperfusion injury and chromogranin A-derived peptides. <i>Current Medicinal Chemistry</i> , 2012 , 19, 4074-85	4.3	14
66	Omega 3 has a beneficial effect on ischemia/reperfusion injury, but cannot reverse the effect of stressful forced exercise. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009 , 19, 20-6	4.5	14
65	Nandrolone-pretreatment enhances cardiac beta(2)-adrenoceptor expression and reverses heart contractile down-regulation in the post-stress period of acute-stressed rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 107, 106-13	5.1	12
64	The role of nitric oxide in the initiation and in the duration of some vasodilator responses in the coronary circulation. <i>Pflugers Archiv European Journal of Physiology</i> , 1995 , 430, 96-104	4.6	12
63	Control of coronary blood flow by endothelial release of nitric oxide. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1994 , 21, 783-9	3	12
62	Regulation of STAT3 and its role in cardioprotection by conditioning: focus on non-genomic roles targeting mitochondrial function. <i>Basic Research in Cardiology</i> , 2021 , 116, 56	11.8	12
61	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
60	Myocardial ischemia/reperfusion upregulates the transcription of the Neuregulin1 receptor ErbB3, but only postconditioning preserves protein translation: Role in oxidative stress. <i>International Journal of Cardiology</i> , 2017 , 233, 73-79	3.2	11
59	Redox Aspects of Chaperones in Cardiac Function. <i>Frontiers in Physiology</i> , 2018 , 9, 216	4.6	11
58	Delayed preconditioning-mimetic actions of exercise or nitroglycerin do not affect haemodynamics and exercise performance in trained or sedentary individuals. <i>Journal of Sports Sciences</i> , 2007 , 25, 1393-401	2.6	11
57	IMproving Preclinical Assessment of Cardioprotective Therapies (IMPACT) criteria: guidelines of the EU-CARDIOPROTECTION COST Action. <i>Basic Research in Cardiology</i> , 2021 , 116, 52	11.8	11
56	A comparative study of myocardial molecular phenotypes of two tfr2 ^{hull} mice: role in ischemia/reperfusion. <i>BioFactors</i> , 2015 , 41, 360-71	6.1	10
55	Intermittent adenosine at the beginning of reperfusion does not trigger cardioprotection. <i>Journal of Surgical Research</i> , 2009 , 153, 231-8	2.5	10

54	Comparison between the effects of pentobarbital or ketamine/nitrous oxide anesthesia on metabolic and endothelial components of coronary reactive hyperemia. <i>Life Sciences</i> , 2001 , 69, 729-38	6.8	10
53	Obesity and Cardioprotection. <i>Current Medicinal Chemistry</i> , 2020 , 27, 230-239	4.3	10
52	Ticagrelor Conditioning Effects Are Not Additive to Cardioprotection Induced by Direct NLRP3 Inflammasome Inhibition: Role of RISK, NLRP3, and Redox Cascades. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 9219825	6.7	10
51	Coronary endothelial dysfunction after ischemia and reperfusion and its prevention by ischemic preconditioning. <i>Italian Heart Journal: Official Journal of the Italian Federation of Cardiology</i> , 2003 , 4, 383-94		10
50	Cardioprotection of PLGA/gelatine cardiac patches functionalised with adenosine in a large animal model of ischaemia and reperfusion injury: A feasibility study. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019 , 13, 1253-1264	4.4	9
49	Acidic infusion in early reperfusion affects the activity of antioxidant enzymes in postischemic isolated rat heart. <i>Journal of Surgical Research</i> , 2013 , 183, 111-8	2.5	9
48	Specificity of synergistic coronary flow enhancement by adenosine and pulsatile perfusion in the dog. <i>Journal of Physiology</i> , 1999 , 520 Pt 1, 271-80	3.9	9
47	The effect of the inhibition of the endothelial release of nitric oxide on coronary reactive hyperaemia in the anaesthetized dog. <i>Life Sciences</i> , 1994 , 54, 791-8	6.8	9
46	Cardioprotective effects of calcitonin gene-related peptide in isolated rat heart and in H9c2 cells via redox signaling. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 90, 194-202	7.5	8
45	Nitroglycerine and sodium trioxodinitrate: from the discovery to the preconditioning effect. <i>Journal of Cardiovascular Medicine</i> , 2013 , 14, 698-704	1.9	8
44	A lipophilic nitric oxide donor and a lipophilic antioxidant compound protect rat heart against ischemia-reperfusion injury if given as hybrid molecule but not as a mixture. <i>Journal of Cardiovascular Pharmacology</i> , 2012 , 59, 241-8	3.1	8
43	Systolic coronary flow impediment in the dog: role of ventricular pressure and contractility. <i>Experimental Physiology</i> , 1998 , 83, 821-31	2.4	8
42	The effects of ischemic preconditioning on resting coronary flow and reactive hyperemia: involvement of A1 adenosine receptors. <i>Life Sciences</i> , 1999 , 64, 1071-8	6.8	8
41	The Inflammatory Cytokine IL-3 Hampers Cardioprotection Mediated by Endothelial Cell-Derived Extracellular Vesicles Possibly via Their Protein Cargo. <i>Cells</i> , 2020 , 10,	7.9	8
40	Hemodynamic abnormalities during muscle metaboreflex activation in patients with type 2 diabetes mellitus. <i>Journal of Applied Physiology</i> , 2019 , 126, 444-453	3.7	8
39	Fatty acids are important for the Frank-Starling mechanism and Gregg effect but not for catecholamine response in isolated rat hearts. <i>Acta Physiologica Scandinavica</i> , 2002 , 176, 167-76		7
38	Extracellular vesicles (EVs) in ischemic conditioning and angiogenesis: Focus on endothelial derived EVs. <i>Vascular Pharmacology</i> , 2021 , 140, 106873	5.9	7
37	Preconditioning cardioprotection and exercise performance: a radical point of view. <i>Sport Sciences for Health</i> , 2015 , 11, 137-151	1.3	6

36	Post-ischæmic activation of kinases in the pre-conditioning-like cardioprotective effect of the platelet-activating factor. <i>Acta Physiologica</i> , 2009 , 197, 175-85	5.6	6
35	Reversal of glibenclamide-induced coronary vasoconstriction by enhanced perfusion pulsatility: possible role for nitric oxide. <i>Cardiovascular Research</i> , 2000 , 45, 1001-9	9.9	6
34	Antioxidant Properties of Nitric Oxide in Cellular Physiological and Pathophysiological Mechanisms. The Implications of Biological Balance between NO and Oxidative Stress. <i>Current Medicinal Chemistry Anti-inflammatory & Anti-allergy Agents</i> , 2004 , 3, 181-188		6
33	Effects of bone marrow mesenchymal stem cells (BM-MSCs) on rat pial microvascular remodeling after transient middle cerebral artery occlusion. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 329	6.1	5
32	The heart rate after inhibition of nitric oxide release in the anaesthetized dog. <i>General Pharmacology</i> , 1996 , 27, 695-9		5
31	Extracellular vesicles from patients with Acute Coronary Syndrome impact on ischemia-reperfusion injury. <i>Pharmacological Research</i> , 2021 , 170, 105715	10.2	5
30	Mitochondrial ATP-sensitive channel opener does not induce vascular preconditioning, but potentiates the effect of a preconditioning ischemia on coronary reactive hyperemia in the anesthetized goat. <i>Pflugers Archiv European Journal of Physiology</i> , 2001 , 443, 166-74	4.6	4
29	Ischemic preconditioning changes the pattern of coronary reactive hyperemia regardless of mitochondrial ATP-sensitive K(+) channel blockade. <i>Life Sciences</i> , 2002 , 71, 2299-309	6.8	4
28	Do the Current Guidelines for Heart Failure Diagnosis and Treatment Fit with Clinical Complexity?. <i>Journal of Clinical Medicine</i> , 2022 , 11,	5.1	4
27	Acid-base, plasma lactate and glucose changes in the rabbit following administration of Gaboon viper (<i>Bitis gabonica</i>) venom. <i>Life Sciences</i> , 1989 , 45, 1893-901	6.8	3
26	The haemodynamic effect of <i>Bitis nasicornis</i> (rhinoceros horned viper) venom. <i>General Pharmacology</i> , 1991 , 22, 203-6		3
25	Extracellular Vesicles in Comorbidities Associated with Ischaemic Heart Disease: Focus on Sex, an Overlooked Factor. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
24	Effects of Physical Exercise on Cardiovascular Diseases: Biochemical, Cellular, and Organ Effects. <i>BioMed Research International</i> , 2015 , 2015, 853632	3	2
23	Endothelial cytochrome P450 contributes to the acetylcholine-induced cardiodepression in isolated rat hearts. <i>Acta Physiologica Scandinavica</i> , 2004 , 182, 11-20		2
22	A TRICK to Improve the Effectiveness of RIC: Role of Limb Temperature in Enhancing the Effectiveness of Remote Ischemic Conditioning.. <i>Biology</i> , 2022 , 11,	4.9	2
21	Ischemic heart disease and cardioprotection: Focus on estrogenic hormonal setting and microvascular health. <i>Vascular Pharmacology</i> , 2021 , 141, 106921	5.9	2
20	Percutaneous Coronary Intervention (PCI) Reprograms Circulating Extracellular Vesicles from ACS Patients Impairing Their Cardio-Protective Properties. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
19	Janus, or the inevitable battle between too much and too little oxygen.. <i>Antioxidants and Redox Signaling</i> , 2022 ,	8.4	2

18	Challenges facing the clinical translation of cardioprotection: 35 years after the discovery of ischemic preconditioning.. <i>Vascular Pharmacology</i> , 2022 , 106995	5.9	2
17	Myocardial protection from ischemic preconditioning is not blocked by sub-chronic inhibition of carnitine palmitoyltransferase I. <i>Life Sciences</i> , 2005 , 77, 2004-17	6.8	1
16	Model-based assessment of pressure and flow-dependent coronary responses following abrupt pressure drops. <i>Computers in Biology and Medicine</i> , 2000 , 30, 111-26	7	1
15	Regulation of basal myocardial function by NO. <i>Cardiovascular Research</i> , 1999 , 44, 223-4	9.9	1
14	The mechanical and electrical effects of rhinoceros viper (<i>Bitis nasicornis</i>) venom on the isolated perfused guinea pig heart and atrial preparations. <i>Life Sciences</i> , 1991 , 49, 1539-48	6.8	1
13	Acidotic effect of gaboon viper (<i>Bitis gabonica</i>) venom in the urethane-anaesthetized rat. <i>General Pharmacology</i> , 1991 , 22, 199-202		1
12	Back and forth from basic science to clinical translation. <i>Minerva Anestesiologica</i> , 2020 , 86, 890-891	1.9	1
11	Angiotensin-converting enzyme 2: a key enzyme in key organs. <i>Journal of Cardiovascular Medicine</i> , 2022 , 23, 1-11	1.9	1
10	Role of the fuel utilized by tissues on coronary vessel response to physical stimuli in isolated rat hearts. <i>Physiological Research</i> , 2004 , 53, 27-34	2.1	1
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