Peter Ferdinandy

List of Publications by Year
in descending order

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Version: 2024-02-01

187 papers	13,217 citations	28242 55 h-index	25770 108 g-index
189 all docs	189 docs citations	189 times ranked	15935 citing authors

#	Article	IF	Citations
1	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
2	Circulating cardiomyocyte-derived extracellular vesicles reflect cardiac injury during systemic inflammatory response syndrome in mice. Cellular and Molecular Life Sciences, 2022, 79, 84.	2.4	16
3	Decreased circulating dipeptidyl peptidase-4 enzyme activity is prognostic for severe outcomes in COVID-19 inpatients. Biomarkers in Medicine, 2022, 16, 317-330.	0.6	13
4	Inflammasome activation in endâ€stage heart failureâ€associated atrial fibrillation. ESC Heart Failure, 2022, 9, 2747-2752.	1.4	7
5	Proprotein Convertase Subtilisin Kexin Type 9 (PCSK9) Deletion but Not Inhibition of Extracellular PCSK9 Reduces Infarct Sizes Ex Vivo but Not In Vivo. International Journal of Molecular Sciences, 2022, 23, 6512.	1.8	3
6	Saxagliptin Cardiotoxicity in Chronic Heart Failure: The Role of DPP4 in the Regulation of Neuropeptide Tone. Biomedicines, 2022, 10, 1573.	1.4	4
7	Improving translational research in sex-specific effects of comorbidities and risk factors in ischaemic heart disease and cardioprotection: position paper and recommendations of the ESC Working Group on Cellular Biology of the Heart. Cardiovascular Research, 2021, 117, 367-385.	1.8	53
8	Pulmonary hypertension in chronic obstructive pulmonary disease. British Journal of Pharmacology, 2021, 178, 132-151.	2.7	51
9	Unbiased bioinformatics analysis of microRNA transcriptomics datasets and network theoretic target prediction. , 2021, , 441-457.		0
10	PACAP-38 in Acute ST-Segment Elevation Myocardial Infarction in Humans and Pigs: A Translational Study. International Journal of Molecular Sciences, 2021, 22, 2883.	1.8	11
11	Post-Myocardial Infarction Heart Failure in Closed-chest Coronary Occlusion/Reperfusion Model in Göttingen Minipigs and Landrace Pigs. Journal of Visualized Experiments, 2021, , .	0.2	4
12	Cardiovascular RNA markers and artificial intelligence may improve COVID-19 outcome: a position paper from the EU-CardioRNA COST Action CA17129. Cardiovascular Research, 2021, 117, 1823-1840.	1.8	17
13	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
14	Telomerase/myocardin expressing mesenchymal cells induce survival and cardiovascular markers in cardiac stromal cells undergoing ischaemia/reperfusion. Journal of Cellular and Molecular Medicine, 2021, 25, 5381-5390.	1.6	9
15	COVID-19-related cardiac complications from clinical evidences to basic mechanisms: opinion paper of the ESC Working Group on Cellular Biology of the Heart. Cardiovascular Research, 2021, 117, 2148-2160.	1.8	26
16	Natural and synthetic antioxidants targeting cardiac oxidative stress and redox signaling in cardiometabolic diseases. Free Radical Biology and Medicine, 2021, 169, 446-477.	1.3	48
17	The Nonsteroidal Anti-Inflammatory Drug Ketorolac Alters the Small Intestinal Microbiota and Bile Acids Without Inducing Intestinal Damage or Delaying Peristalsis in the Rat. Frontiers in Pharmacology, 2021, 12, 664177.	1.6	8
18	AIM2-driven inflammasome activation in heart failure. Cardiovascular Research, 2021, 117, 2639-2651.	1.8	19

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19	Delayed Contralateral Nephrectomy Halted Post-Ischemic Renal Fibrosis Progression and Inhibited the Ischemia-Induced Fibromir Upregulation in Mice. Biomedicines, 2021, 9, 815.	1.4	2
20	A comprehensive time course and correlation analysis of indomethacin-induced inflammation, bile acid alterations and dysbiosis in the rat small intestine. Biochemical Pharmacology, 2021, 190, 114590.	2.0	22
21	Systematic review and network analysis of microRNAs involved in cardioprotection against myocardial ischemia/reperfusion injury and infarction: Involvement of redox signalling. Free Radical Biology and Medicine, 2021, 172, 237-251.	1.3	23
22	Circadian rhythms in ischaemic heart disease: key aspects for preclinical and translational research: position paper of the ESC working group on cellular biology of the heart. Cardiovascular Research, 2021, , .	1.8	10
23	Helium Conditioning Increases Cardiac Fibroblast Migration Which Effect Is Not Propagated via Soluble Factors or Extracellular Vesicles. International Journal of Molecular Sciences, 2021, 22, 10504.	1.8	5
24	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
25	Molecular Network Approach Reveals Rictor as a Central Target of Cardiac ProtectomiRs. International Journal of Molecular Sciences, 2021, 22, 9539.	1.8	4
26	Somatostatin and Its Receptors in Myocardial Ischemia/Reperfusion Injury and Cardioprotection. Frontiers in Pharmacology, 2021, 12, 663655.	1.6	5
27	Hyperlipidaemia and cardioprotection: Animal models for translational studies. British Journal of Pharmacology, 2020, 177, 5287-5311.	2.7	43
28	Calcium Ionophore-Induced Extracellular Vesicles Mediate Cytoprotection against Simulated Ischemia/Reperfusion Injury in Cardiomyocyte-Derived Cell Lines by Inducing Heme Oxygenase 1. International Journal of Molecular Sciences, 2020, 21, 7687.	1.8	7
29	PCSK9 in Myocardial Infarction and Cardioprotection: Importance of Lipid Metabolism and Inflammation. Frontiers in Physiology, 2020, 11, 602497.	1.3	24
30	Risk factors, coâ€morbidities, and coâ€medications in cardioprotection: Importance for translation. British Journal of Pharmacology, 2020, 177, 5249-5251.	2.7	8
31	Decorin Protects Cardiac Myocytes against Simulated Ischemia/Reperfusion Injury. Molecules, 2020, 25, 3426.	1.7	9
32	Cardioprotective Effect of Novel Matrix Metalloproteinase Inhibitors. International Journal of Molecular Sciences, 2020, 21, 6990.	1.8	11
33	Transplantation of telomerase/myocardin-co-expressing mesenchymal cells in the mouse promotes myocardial revascularization and tissue repair. Vascular Pharmacology, 2020, 135, 106807.	1.0	13
34	Cardiomyocyte ageing and cardioprotection: consensus document from the ESC working groups cell biology of the heart and myocardial function. Cardiovascular Research, 2020, 116, 1835-1849.	1.8	34
35	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
36	Swiprosin-1/EFhD-2 Expression in Cardiac Remodeling and Post-Infarct Repair: Effect of Ischemic Conditioning. International Journal of Molecular Sciences, 2020, 21, 3359.	1.8	5

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37	Chronic treatment with rofecoxib but not ischemic preconditioning of the myocardium ameliorates early intestinal damage following cardiac ischemia/reperfusion injury in rats. Biochemical Pharmacology, 2020, 178, 114099.	2.0	6
38	Hidden Cardiotoxicity of Rofecoxib Can be Revealed in Experimental Models of Ischemia/Reperfusion. Cells, 2020, 9, 551.	1.8	16
39	Capsaicin-Sensitive Sensory Nerves and the TRPV1 Ion Channel in Cardiac Physiology and Pathologies. International Journal of Molecular Sciences, 2020, 21, 4472.	1.8	18
40	Myocardial ischaemia reperfusion injury and cardioprotection in the presence of sensory neuropathy: Therapeutic options. British Journal of Pharmacology, 2020, 177, 5336-5356.	2.7	11
41	Ischaemic postâ€conditioning in rats: Responder and nonâ€responder differ in transcriptome of mitochondrial proteins. Journal of Cellular and Molecular Medicine, 2020, 24, 5528-5541.	1.6	14
42	The Network Medicine Imperative and the Need for an International Network Medicine Consortium. American Journal of Medicine, 2020, 133, e451-e454.	0.6	11
43	Cardiac miRNA Expression and their mRNA Targets in a Rat Model of Prediabetes. International Journal of Molecular Sciences, 2020, 21, 2128.	1.8	9
44	Definition of hidden drug cardiotoxicity: paradigm change in cardiac safety testing and its clinical implications. European Heart Journal, 2019, 40, 1771-1777.	1.0	88
45	l-Alpha-glycerylphosphorylcholine can be cytoprotective or cytotoxic in neonatal rat cardiac myocytes: a double-edged sword phenomenon. Molecular and Cellular Biochemistry, 2019, 460, 195-203.	1.4	10
46	Impact of Sex Differences and Diabetes on Coronary Atherosclerosis and Ischemic Heart Disease. Journal of Clinical Medicine, 2019, 8, 98.	1.0	49
47	Transcriptional Alterations by Ischaemic Postconditioning in a Pig Infarction Model: Impact on Microvascular Protection. International Journal of Molecular Sciences, 2019, 20, 344.	1.8	10
48	ESC Working Group on Cellular Biology of the Heart: position paper for Cardiovascular Research: tissue engineering strategies combined with cell therapies for cardiac repair in ischaemic heart disease and heart failure. Cardiovascular Research, 2019, 115, 488-500.	1.8	90
49	Effect of Ischemic Preconditioning and Postconditioning on Exosome-Rich Fraction microRNA Levels, in Relation with Electrophysiological Parameters and Ventricular Arrhythmia in Experimental Closed-Chest Reperfused Myocardial Infarction. International Journal of Molecular Sciences, 2019, 20, 2140.	1.8	28
50	Proteomic analysis of the secretome of adipose tissue-derived murine mesenchymal cells overexpressing telomerase and myocardin. Journal of Molecular and Cellular Cardiology, 2019, 131, 171-186.	0.9	17
51	Subantimicrobial Dose Doxycycline Worsens Chronic Arthritis-Induced Bone Microarchitectural Alterations in a Mouse Model: Role of Matrix Metalloproteinases?. Frontiers in Pharmacology, 2019, 10, 233.	1.6	1
52	Lack of Small Intestinal Dysbiosis Following Long-Term Selective Inhibition of Cyclooxygenase-2 by Rofecoxib in the Rat. Cells, 2019, 8, 251.	1.8	6
53	Sensory Neuropathy Affects Cardiac miRNA Expression Network Targeting IGF-1, SLC2a-12, EIF-4e, and ULK-2 mRNAs. International Journal of Molecular Sciences, 2019, 20, 991.	1.8	16
54	Perspectives on Directions and Priorities for Future Preclinical Studies in Regenerative Medicine. Circulation Research, 2019, 124, 938-951.	2.0	28

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55	The impact of age on cardiac function and extracellular matrix component expression in adverse post-infarction remodeling in mice. Experimental Gerontology, 2019, 119, 193-202.	1.2	7
56	Circulating blood cells and extracellular vesicles in acute cardioprotection. Cardiovascular Research, 2019, 115, 1156-1166.	1.8	106
57	The coronary circulation in acute myocardial ischaemia/reperfusion injury: a target for cardioprotection. Cardiovascular Research, 2019, 115, 1143-1155.	1.8	151
58	Multitarget Strategies to Reduce Myocardial Ischemia/Reperfusion Injury. Journal of the American College of Cardiology, 2019, 73, 89-99.	1.2	484
59	A Comorbidity Model of Myocardial Ischemia/Reperfusion Injury and Hypercholesterolemia in Rat Cardiac Myocyte Cultures. Frontiers in Physiology, 2019, 10, 1564.	1.3	14
60	Nagarse treatment of cardiac subsarcolemmal and interfibrillar mitochondria leads to artefacts in mitochondrial protein quantification. Journal of Pharmacological and Toxicological Methods, 2018, 91, 50-58.	0.3	14
61	Extracellular vesicles in diagnostics and therapy of the ischaemic heart: Position Paper from the Working Group on Cellular Biology of the Heart of the European Society of Cardiology. Cardiovascular Research, 2018, 114, 19-34.	1.8	284
62	miR-125b is a protectomiR: A rising star for acute cardioprotection. Journal of Molecular and Cellular Cardiology, 2018, 115, 51-53.	0.9	7
63	Epigenetic modulation of vascular diseases: Assessing the evidence and exploring the opportunities. Vascular Pharmacology, 2018, 107, 43-52.	1.0	10
64	Survival pathways in cardiac conditioning: individual data vs. meta-analyses. What do we learn?. Basic Research in Cardiology, 2018, 113, 4.	2.5	23
65	Isolation of High-Purity Extracellular Vesicles by the Combination of Iodixanol Density Gradient Ultracentrifugation and Bind-Elute Chromatography From Blood Plasma. Frontiers in Physiology, 2018, 9, 1479.	1.3	153
66	Vascular extracellular vesicles in comorbidities of heart failure with preserved ejection fraction in men and women: The hidden players. A mini review. Vascular Pharmacology, 2018, 111, 1-6.	1.0	5
67	JDP2 overexpression provokes cardiac dysfunction in mice. Scientific Reports, 2018, 8, 7647.	1.6	13
68	MicroRNA interactome analysis predicts post-transcriptional regulation of ADRB2 and PPP3R1 in the hypercholesterolemic myocardium. Scientific Reports, 2018, 8, 10134.	1.6	18
69	Development of Matrix Metalloproteinase-2 Inhibitors for Cardioprotection. Frontiers in Pharmacology, 2018, 9, 296.	1.6	12
70	Practical guidelines for rigor and reproducibility in preclinical and clinical studies on cardioprotection. Basic Research in Cardiology, 2018, 113, 39.	2.5	311
71	New aspects of p66Shc in ischaemia reperfusion injury and other cardiovascular diseases. British Journal of Pharmacology, 2017, 174, 1690-1703.	2.7	56
72	Targeting the NO/superoxide ratio in adipose tissue: relevance to obesity and diabetes management. British Journal of Pharmacology, 2017, 174, 1570-1590.	2.7	46

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73	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
74	Sequential activation of different pathway networks in ischemia-affected and non-affected myocardium, inducing intrinsic remote conditioning to prevent left ventricular remodeling. Scientific Reports, 2017, 7, 43958.	1.6	33
75	Epigenomic and transcriptomic approaches in the post-genomic era: path to novel targets for diagnosis and therapy of the ischaemic heart? Position Paper of the European Society of Cardiology Working Group on Cellular Biology of the Heart. Cardiovascular Research, 2017, 113, 725-736.	1.8	114
76	MMP Activity Detection in Zymograms. Methods in Molecular Biology, 2017, 1626, 53-70.	0.4	26
77	Pharmacology of oxidative stress: translational opportunities. British Journal of Pharmacology, 2017, 174, 1511-1513.	2.7	14
78	Novel targets and future strategies for acute cardioprotection: Position Paper of the European Society of Cardiology Working Group on Cellular Biology of the Heart. Cardiovascular Research, 2017, 113, 564-585.	1.8	278
79	Hypercholesterolemia downregulates autophagy in the rat heart. Lipids in Health and Disease, 2017, 16, 60.	1.2	25
80	ESC Joint Working Groups on Cardiovascular Surgery and the Cellular Biology of the Heart Position Paper: Peri-operative myocardial injury and infarction in patients undergoing coronary artery bypass graft surgery. European Heart Journal, 2017, 38, 2392-2411.	1.0	118
81	Autophagosome formation is required for cardioprotection by chloramphenicol. Life Sciences, 2017, 186, 11-16.	2.0	11
82	Integrative characterization of chronic cigarette smoke-induced cardiopulmonary comorbidities in a mouse model. Environmental Pollution, 2017, 229, 746-759.	3.7	13
83	In vivo MRI and ex vivo histological assessment of the cardioprotection induced by ischemic preconditioning, postconditioning and remote conditioning in a closed-chest porcine model of reperfused acute myocardial infarction: importance of microvasculature. Journal of Translational Medicine, 2017, 15, 67.	1.8	29
84	Adverse Effects on Î²â€Adrenergic Receptor Coupling: Ischemic Postconditioning Failed to Preserve Longâ€Term Cardiac Function. Journal of the American Heart Association, 2017, 6, .	1.6	7
85	Alternative Splicing of NOX4 in the Failing Human Heart. Frontiers in Physiology, 2017, 8, 935.	1.3	32
86	Low-Dose Endotoxin Induces Late Preconditioning, Increases Peroxynitrite Formation, and Activates STAT3 in the Rat Heart. Molecules, 2017, 22, 433.	1.7	10
87	Global position paper on cardiovascular regenerative medicine. European Heart Journal, 2017, 38, 2532-2546.	1.0	133
88	Isolated hypercholesterolemia leads to steatosis in the liver without affecting the pancreas. Lipids in Health and Disease, 2017, 16, 144.	1.2	19
89	Intrinsic remote conditioning of the myocardium as a comprehensive cardiac response to ischemia and reperfusion. Oncotarget, 2017, 8, 67227-67240.	0.8	5
90	Exogenous Nitric Oxide Protects Human Embryonic Stem Cell-Derived Cardiomyocytes against Ischemia/Reperfusion Injury. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-9.	1.9	15

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91	Transcriptomic alterations in the heart of non-obese type 2 diabetic Goto-Kakizaki rats. Cardiovascular Diabetology, 2016, 15, 110.	2.7	28
92	Position Paper of the European Society of Cardiology Working Group Cellular Biology of the Heart: cell-based therapies for myocardial repair and regeneration in ischemic heart disease and heart failure. European Heart Journal, 2016, 37, 1789-1798.	1.0	210
93	Diastolic dysfunction in prediabetic male rats: Role of mitochondrial oxidative stress. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H927-H943.	1.5	72
94	Protection of neonatal rat cardiac myocytes against radiation-induced damage with agonists of growth hormone-releasing hormone. Pharmacological Research, 2016, 111, 859-866.	3.1	5
95	Response to letter entitled Plasma MMPs in CAD patients by Ceron CSet al.. European Journal of Clinical Investigation, 2016, 46, 106-107.	1.7	0
96	Novel, selective EPO receptor ligands lacking erythropoietic activity reduce infarct size in acute myocardial infarction in rats. Pharmacological Research, 2016, 113, 62-70.	3.1	18
97	From basic mechanisms to clinical applications in heart protection, new players in cardiovascular diseases and cardiac theranostics: meeting report from the third international symposium on â€œNew frontiers in cardiovascular researchâ€• Basic Research in Cardiology, 2016, 111, 69.	2.5	41
98	Low-density lipoprotein mimics blood plasma-derived exosomes and microvesicles during isolation and detection. Scientific Reports, 2016, 6, 24316.	1.6	382
99	Ischaemic conditioning and targeting reperfusion injury: a 30Âyear voyage of discovery. Basic Research in Cardiology, 2016, 111, 70.	2.5	257
100	Tissue-specific Gene Expression in Rat Hearts and Aortas in a Model of Vascular Nitrate Tolerance. Journal of Cardiovascular Pharmacology, 2015, 65, 485-493.	0.8	9
101	The effect of a preparation of minerals, vitamins and trace elements on the cardiac gene expression pattern in male diabetic rats. Cardiovascular Diabetology, 2015, 14, 85.	2.7	15
102	Acute hyperglycemia abolishes cardioprotection by remote ischemic perconditioning. Cardiovascular Diabetology, 2015, 14, 151.	2.7	60
103	Serum lipids and cardiac function correlate with nitrotyrosine and <scp>MMP</scp> activity in coronary artery disease patients. European Journal of Clinical Investigation, 2015, 45, 692-701.	1.7	38
104	Mechanism and consequences of the shift in cardiac arginine metabolism following ischaemia and reperfusion in rats. Thrombosis and Haemostasis, 2015, 113, 482-493.	1.8	24
105	Isolation of Exosomes from Blood Plasma: Qualitative and Quantitative Comparison of Ultracentrifugation and Size Exclusion Chromatography Methods. PLoS ONE, 2015, 10, e0145686.	1.1	493
106	Remote ischemic conditioning: from experimental observation to clinical application: report from the 8th Biennial Hatter Cardiovascular Institute Workshop. Basic Research in Cardiology, 2015, 110, 453.	2.5	103
107	Myostatin and IGF-I signaling in end-stage human heart failure: a qRT-PCR study. Journal of Translational Medicine, 2015, 13, 1.	1.8	229
108	Pharmacology of the â€˜gasotransmittersâ€™ <scp>NO</scp>, <scp>CO</scp> and <scp>H₂S</scp>: translational opportunities. British Journal of Pharmacology, 2015, 172, 1395-1396.	2.7	35

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109	Connexin 43 is an emerging therapeutic target in ischemia/reperfusion injury, cardioprotection and neuroprotection. , 2015, 153, 90-106.		194
110	Transplantation of adipose tissue mesenchymal cells conjugated with VEGF-releasing microcarriers promotes repair in murine myocardial infarction. Cardiovascular Research, 2015, 108, 39-49.	1.8	54
111	Cardioprotection by gene therapy. International Journal of Cardiology, 2015, 191, 203-210.	0.8	34
112	Specific Mechanisms Underlying Right Heart Failure: The Missing Upregulation of Superoxide Dismutase-2 and Its Decisive Role in Antioxidative Defense. Antioxidants and Redox Signaling, 2015, 23, 1220-1232.	2.5	33
113	Drug-induced mitochondrial dysfunction and cardiotoxicity. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1453-H1467.	1.5	377
114	The role of gasotransmitters <scp><scp>NO</scp></scp>, <scp><scp>H₂S</scp></scp> and <scp><scp>CO</scp></scp> in myocardial ischaemia/reperfusion injury and cardioprotection by preconditioning, postconditioning and remote conditioning. British Journal of Pharmacology, 2015, 172, 1587-1606.	2.7	163
115	Interplay of oxidative, nitrosative/nitrative stress, inflammation, cell death and autophagy in diabetic cardiomyopathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 232-242.	1.8	232
116	Stem Cell Aging and Age-Related Cardiovascular Disease: Perspectives of Treatment by Ex-vivo Stem Cell Rejuvenation. Current Drug Targets, 2015, 16, 780-785.	1.0	8
117	Functional Genomics of Cardioprotection by Ischemic Conditioning and the Influence of Comorbid Conditions: Implications in Target Identification. Current Drug Targets, 2015, 16, 904-911.	1.0	41
118	ESC Working Group Cellular Biology of the Heart: Position Paper: improving the preclinical assessment of novel cardioprotective therapies. Cardiovascular Research, 2014, 104, 399-411.	1.8	143
119	On-Line Visualization of Ischemic Burden During Repetitive Ischemia/Reperfusion. JACC: Cardiovascular Imaging, 2014, 7, 956-958.	2.3	3
120	Recent Developments in Cardiovascular Stem Cells. Circulation Research, 2014, 115, e71-8.	2.0	29
121	Therapeutic potential of midkine in cardiovascular disease. British Journal of Pharmacology, 2014, 171, 936-944.	2.7	32
122	Ischemic postconditioning alters the gene expression pattern of the ischemic heart. Experimental Biology and Medicine, 2014, 239, 141-150.	1.1	7
123	Anti-diabetic effect of a preparation of vitamins, minerals and trace elements in diabetic rats: a gender difference. BMC Endocrine Disorders, 2014, 14, 72.	0.9	15
124	Novel therapeutic strategies for cardioprotection. , 2014, 144, 60-70.		64
125	Moderate inhibition of myocardial matrix metalloproteinase-2 by ilomastat is cardioprotective. Pharmacological Research, 2014, 80, 36-42.	3.1	38
126	Cardioprotection by remote ischemic preconditioning of the rat heart is mediated by extracellular vesicles. Journal of Molecular and Cellular Cardiology, 2014, 68, 75-78.	0.9	238

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127	Nitrite in organ protection. British Journal of Pharmacology, 2014, 171, 1-11.	2.7	49
128	Cholesterol-enriched diet inhibits cardioprotection by ATP-sensitive K⁺channel activators cromakalim and diazoxide. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H405-H413.	1.5	33
129	MicroRNAs associated with ischemia-reperfusion injury and cardioprotection by ischemic pre- and postconditioning: protectomiRs. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H216-H227.	1.5	106
130	Interaction of Risk Factors, Comorbidities, and Comedications with Ischemia/Reperfusion Injury and Cardioprotection by Preconditioning, Postconditioning, and Remote Conditioning. Pharmacological Reviews, 2014, 66, 1142-1174.	7.1	521
131	Metabolic syndrome influences cardiac gene expression pattern at the transcript level in male ZDF rats. Cardiovascular Diabetology, 2013, 12, 16.	2.7	56
132	Cardioprotection by Farnesol: Role of the Mevalonate Pathway. Cardiovascular Drugs and Therapy, 2013, 27, 269-277.	1.3	21
133	Does nitric oxide signaling differ in pre- and post-conditioning? Importance of S-nitrosylation vs. protein kinase G activation. Free Radical Biology and Medicine, 2013, 54, 113-115.	1.3	12
134	Effect of a multivitamin preparation supplemented with phytosterol on serum lipids and infarct size in rats fed with normal and high cholesterol diet. Lipids in Health and Disease, 2013, 12, 138.	1.2	18
135	MicroRNA-25-dependent up-regulation of NADPH oxidase 4 (NOX4) mediates hypercholesterolemia-induced oxidative/nitrative stress and subsequent dysfunction in the heart. Journal of Molecular and Cellular Cardiology, 2013, 62, 111-121.	0.9	157
136	Translating cardioprotection for patient benefit: position paper from the Working Group of Cellular Biology of the Heart of the European Society of Cardiology. Cardiovascular Research, 2013, 98, 7-27.	1.8	209
137	Inhibition of AP-1 signaling by JDP2 overexpression protects cardiomyocytes against hypertrophy and apoptosis induction. Cardiovascular Research, 2013, 99, 121-128.	1.8	35
138	Myocardial Postconditioning Is Lost in Vascular Nitrate Tolerance. Journal of Cardiovascular Pharmacology, 2013, 62, 298-303.	0.8	19
139	Preconditioning protects the heart in a prolonged uremic condition. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H1229-H1236.	1.5	43
140	Letter by Csont and Ferdinandy Regarding Article, â€œIschemic Conditioning Protects the Uremic Heart in a Rodent Model of Myocardial Infarctionâ€• Circulation, 2012, 126, e212; author reply e213.	1.6	4
141	Cholesterol diet leads to attenuation of ischemic preconditioning-induced cardiac protection: the role of connexin 43. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H1907-H1913.	1.5	52
142	Dietary red palm oil supplementation decreases infarct size in cholesterol fed rats. Lipids in Health and Disease, 2011, 10, 103.	1.2	22
143	Role of cGMP-PKG signaling in the protection of neonatal rat cardiac myocytes subjected to simulated ischemia/reoxygenation. Basic Research in Cardiology, 2010, 105, 643-650.	2.5	83
144	Matrix metalloproteinase activity assays: Importance of zymography. Journal of Pharmacological and Toxicological Methods, 2010, 61, 205-209.	0.3	138

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145	Measurement of myocardial infarct size in preclinical studies. Journal of Pharmacological and Toxicological Methods, 2010, 61, 163-170.	0.3	56
146	Role of iNOS and peroxynitriteâ€“matrix metalloproteinase-2 signaling in myocardial late preconditioning in rats. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H512-H518.	1.5	39
147	Matrix Metalloproteinase Inhibitors. Drugs, 2010, 70, 949-964.	4.9	163
148	Biglycan protects cardiomyocytes against hypoxia/reoxygenation injury: Role of nitric oxide. Journal of Molecular and Cellular Cardiology, 2010, 48, 649-652.	0.9	34
149	Postconditioning and protection from reperfusion injury: where do we stand? * Position Paper from the Working Group of Cellular Biology of the Heart of the European Society of Cardiology. Cardiovascular Research, 2010, 87, 406-423.	1.8	447
150	Dietary red palm oil supplementation reduces myocardial infarct size in an isolated perfused rat heart model. Lipids in Health and Disease, 2010, 9, 64.	1.2	29
151	Capsaicin-Sensitive Sensory Nerves in Myocardial Ischemiaâ€“Reperfusion Injury and Ischemic Stress Adaptation. NeuroImmune Biology, 2009, 8, 267-288.	0.2	4
152	Cholesterol diet-induced hyperlipidemia impairs the cardioprotective effect of postconditioning: role of peroxynitrite. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1729-H1735.	1.5	82
153	Cardiac capsaicinâ€sensitive sensory nerves regulate myocardial relaxation via Sâ€nitrosylation of SERCA: role of peroxynitrite. British Journal of Pharmacology, 2008, 153, 488-496.	2.7	42
154	Gene and protein expression changes in response to normoxic perfusion in mouse hearts. Journal of Pharmacological and Toxicological Methods, 2008, 57, 145-154.	0.3	10
155	Lovastatin interferes with the infarct size-limiting effect of ischemic preconditioning and postconditioning in rat hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2406-H2409.	1.5	62
156	Letter by Csont and Ferdinandy Regarding Article, â€œBiglycan Is Required for Adaptive Remodeling After Myocardial Infarctionâ€. Circulation, 2008, 118, e521; author reply e522.	1.6	6
157	Hypercholesterolemia increases myocardial oxidative and nitrosative stress thereby leading to cardiac dysfunction in apoB-100 transgenic mice. Cardiovascular Research, 2007, 76, 100-109.	1.8	96
158	MMP Inhibitors in Cardiac Diseases: An Update. Recent Patents on Cardiovascular Drug Discovery, 2007, 2, 186-194.	1.5	43
159	Interaction of Cardiovascular Risk Factors with Myocardial Ischemia/Reperfusion Injury, Preconditioning, and Postconditioning. Pharmacological Reviews, 2007, 59, 418-458.	7.1	631
160	The cardioprotective effect of postconditioning is lost in cholesterol diet-induced hyperlipidemia in rats. Journal of Molecular and Cellular Cardiology, 2006, 40, 976-977.	0.9	7
161	Peroxynitrite: just an oxidative/nitrosative stressor or a physiological regulator as well?. British Journal of Pharmacology, 2006, 148, 1-3.	2.7	63
162	Hyperlipidemia Attenuates the Infarct Size-Limiting Effect of Ischemic Preconditioning: Role of Matrix Metalloproteinase-2 Inhibition. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 154-161.	1.3	109

#	Article	IF	Citations
163	Capsaicinâ€sensitive sensory neurons regulate myocardial function and gene expression pattern of rat hearts: a DNA microarray study. FASEB Journal, 2006, 20, 160-162.	0.2	48
164	Hypercholesterolemia Attenuates the Anti-ischemic Effect of Preconditioning During Coronary Angioplasty. Chest, 2005, 128, 1623-1628.	0.4	64
165	Heat shock proteins as emerging therapeutic targets. British Journal of Pharmacology, 2005, 146, 769-780.	2.7	337
166	Cardioprotective effects of glyceryl trinitrate: beyond vascular nitrate tolerance. , 2005, 105, 57-68.		72
167	Cholesterol diet-induced hyperlipidemia influences gene expression pattern of rat hearts: a DNA microarray study. FEBS Letters, 2004, 562, 99-104.	1.3	50
168	Capsaicin-sensitive sensory neurons regulate myocardial nitric oxide and cGMP signaling. European Journal of Pharmacology, 2003, 476, 107-113.	1.7	22
169	Nitric oxide, superoxide, and peroxynitrite in myocardial ischaemia-reperfusion injury and preconditioning. British Journal of Pharmacology, 2003, 138, 532-543.	2.7	378
170	Myocardial ischaemia/reperfusion injury and preconditioning: effects of hypercholesterolaemia/hyperlipidaemia. British Journal of Pharmacology, 2003, 138, 283-285.	2.7	59
171	Effect of classic preconditioning on the gene expression pattern of rat hearts: a DNA microarray study. FEBS Letters, 2003, 536, 35-40.	1.3	76
172	Hyperlipidemia induced by a cholesterol-rich diet leads to enhanced peroxynitrite formation in rat hearts. Cardiovascular Research, 2003, 58, 663-670.	1.8	146
173	B-type natriuretic peptide limits infarct size in rat isolated hearts via K_{ATP}channel opening. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 284, H1592-H1600.	1.5	161
174	Matrix metalloproteinase-2 mediates cytokine-induced myocardial contractile dysfunction. Cardiovascular Research, 2003, 57, 426-433.	1.8	119
175	Nitrate tolerance does not increase production of peroxynitrite in the heart. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H69-H76.	1.5	25
176	Enhanced NO and superoxide generation in dysfunctional hearts from endotoxemic rats. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H1108-H1115.	1.5	127
177	Hyperlipidemia Induced by High Cholesterol Diet Inhibits Heat Shock Response in Rat Hearts. Biochemical and Biophysical Research Communications, 2002, 290, 1535-1538.	1.0	58
178	Preconditioning decreases ischemia/reperfusion-induced release and activation of matrix metalloproteinase-2. Biochemical and Biophysical Research Communications, 2002, 296, 937-941.	1.0	58
179	Preconditioning Decreases Ischemia/Reperfusion-Induced Peroxynitrite Formation. Biochemical and Biophysical Research Communications, 2001, 285, 1217-1219.	1.0	47
180	Nitric Oxide, Peroxynitrite and cGMP in Atherosclerosis-Induced Hypertension in Rabbits: Beneficial Effects of Cicletanine. Journal of Vascular Research, 2001, 38, 39-46.	0.6	39

#	Article	IF	Citations
181	Direct myocardial anti-ischaemic effect of GTN in both nitrate-tolerant and nontolerant rats: a cyclic GMP-independent activation of KATP. British Journal of Pharmacology, 1999, 128, 1427-1434.	2.7	31
182	Title is missing!. Molecular and Cellular Biochemistry, 1998, 186, 27-34.	1.4	32
183	Lack of correlation between myocardial nitric oxide and cyclic guanosine monophosphate content in both nitrate-tolerant and -nontolerant rats. Biochemical Pharmacology, 1998, 56, 1139-1144.	2.0	32
184	Antiischemic Effect of Monophosphoryl Lipid A in Conscious Rabbits with Hypercholesterolemia and Atherosclerosis. Journal of Cardiovascular Pharmacology, 1998, 32, 206-212.	0.8	7
185	Delayed Cardiac Protection Against Harmful Consequences of Stress can be Induced in Experimental Atherosclerosis in Rabbits. Journal of Molecular and Cellular Cardiology, 1997, 29, 1977-1983.	0.9	35
186	Loss of Pacing-induced Preconditioning in Rat Hearts: Role of Nitric Oxide and Cholesterol-enriched Diet. Journal of Molecular and Cellular Cardiology, 1997, 29, 3321-3333.	0.9	116
187	Ventricular Overdrive Pacing-Induced Preconditioning and No-Flow Ischemia-Induced Preconditioning in Isolated Working Rat Hearts. Journal of Cardiovascular Pharmacology, 1995, 25, 97-104.	0.8	22