

CITATION REPORT

List of articles citing

**Reperfusion-induced arrhythmias and free radicals:
studies in the rat heart with DMPO**

DOI: 10.1097/00005344-198706000-00002

Journal of Cardiovascular Pharmacology, 1987, 9, 641-50.

Source: <https://exaly.com/paper-pdf/18766699/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
63	Superoxide dismutase and the reduction of reperfusion-induced arrhythmias: in vivo dose-response studies in the rat. <i>Cardiovascular Drugs and Therapy</i> , 1987 , 1, 133-9	3.9	39
62	Reperfusion-induced arrhythmias in the isolated rabbit heart: characterization of the influence of the duration of regional ischemia and the extracellular potassium concentration. <i>Journal of Molecular and Cellular Cardiology</i> , 1988 , 20, 201-11	5.8	19
61	Direct detection of radical production in the ischaemic and reperfused myocardium: current status. <i>Free Radical Research Communications</i> , 1989 , 7, 275-84		25
60	Manipulation of myocardial alpha-tocopherol levels fails to affect reperfusion arrhythmias or functional recovery following ischemic challenge in the rat heart. <i>Basic Research in Cardiology</i> , 1989 , 84, 421-30	11.8	6
59	Problems associated with spin trapping oxygen-centered free radicals in biological systems. <i>Analytical Biochemistry</i> , 1989 , 177, 1-6	3.1	138
58	The interaction of 5,5-dimethyl-1-pyrroline-N-oxide with human myeloperoxidase and its potential impact on spin trapping of neutrophil-derived free radicals. <i>Archives of Biochemistry and Biophysics</i> , 1989 , 275, 72-81	4.1	8
57	Spin trapping evidence for radical generation by isolated hearts and cultured heart cells. <i>Free Radical Research Communications</i> , 1989 , 6, 303-10		13
56	The hydroxylamine OXANOH and its reaction product, the nitroxide OXANO., act as complementary inhibitors of lipid peroxidation. <i>Chemico-Biological Interactions</i> , 1990 , 74, 325-42	5	30
55	Heart protection and radical trapping by DMPO during reperfusion in isolated working rat hearts. <i>Free Radical Biology and Medicine</i> , 1990 , 8, 363-72	7.8	64
54	Spin-trapping of superoxide by 5,5-dimethyl-1-pyrroline N-oxide: application to isolated perfused organs. <i>Analytical Biochemistry</i> , 1990 , 190, 321-5	3.1	9
53	Exogenous superoxide dismutase and catalase promote recovery of function in isolated rat heart after regional ischemia and may be transported from capillaries into myocytes. <i>Molecular and Cellular Biochemistry</i> , 1990 , 96, 97-105	4.2	14
52	Reperfusion and readmission of oxygen. Pathophysiological relevance of oxygen-derived free radicals to arrhythmogenesis. <i>Circulation Research</i> , 1990 , 67, 1211-24	15.7	40
51	Myocardial tissue preparation for ESR spectroscopy: some methods may cause artifactual generation of signals. <i>Free Radical Research Communications</i> , 1990 , 9, 55-63		9
50	Review. <i>Clinical Chemistry and Laboratory Medicine</i> , 1990 , 28,	5.9	
49	ESR spin trapping and NMR spectroscopy of the same heart shows correlation between energy depression and radical formation during postischemic reperfusion. <i>FEBS Letters</i> , 1990 , 267, 29-32	3.8	16
48	DMPO and reperfusion injury: arrhythmia, heart function, electron spin resonance, and nuclear magnetic resonance studies in isolated working guinea pig hearts. <i>American Heart Journal</i> , 1990 , 120, 819-30	4.9	51
47	Free radical scavenging is involved in the protective effect of L-propionyl-carnitine against ischemia-reperfusion injury of the heart. <i>Archives of Biochemistry and Biophysics</i> , 1991 , 288, 533-7	4.1	99

46	Cardiac reperfusion damage prevented by a nitroxide free radical. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 4680-4	11.5	163
45	High-performance liquid chromatographic detection of hydroxylated benzoic acids as an indirect measure of hydroxyl radical in heart: its possible link with the myocardial reperfusion injury. <i>Journal of Chromatography A</i> , 1991 , 536, 273-82	4.5	42
44	Reperfusion-induced arrhythmias are not prevented by uric acid in the isolated rat heart. <i>Free Radical Biology and Medicine</i> , 1991 , 11, 319-26	7.8	2
43	Stunning: a radical re-view. <i>Cardiovascular Drugs and Therapy</i> , 1991 , 5, 853-76	3.9	72
42	Reperfusion-induced injury: a possible role for oxidant stress and its manipulation. <i>Cardiovascular Drugs and Therapy</i> , 1991 , 5 Suppl 2, 225-35	3.9	53
41	Postischemic free radical production in the venous blood of the regionally ischemic swine heart. Effect of deferoxamine. <i>Circulation</i> , 1991 , 84, 2079-90	16.7	65
40	The demonstration of DMPO superoxide adduct upon reperfusion using a low non-toxic concentration. <i>Free Radical Research Communications</i> , 1991 , 14, 297-302		10
39	Protective effects of spin-trapping agents on adriamycin-induced cardiotoxicity in isolated rat atria. <i>Free Radical Research Communications</i> , 1991 , 14, 41-5		25
38	Subcellular distribution of two spin trapping agents in rat heart: possible explanation for their different protective effects against doxorubicin-induced cardiotoxicity. <i>Free Radical Research Communications</i> , 1992 , 15, 353-60		44
37	Antiradical effects in L-propionyl carnitine protection of the heart against ischemia-reperfusion injury: the possible role of iron chelation. <i>Archives of Biochemistry and Biophysics</i> , 1992 , 296, 394-401	4.1	136
36	Recent advances in the role of reactive oxygen intermediates in ischemic injury. I. Evidence demonstrating presence of reactive oxygen intermediates; II. Role of metals in site-specific formation of radicals. <i>Journal of Surgical Research</i> , 1992 , 53, 417-29	2.5	55
35	Does the antiarrhythmic effect of DMPO originate from its oxygen radical trapping property or the structure of the molecule itself?. <i>Basic Research in Cardiology</i> , 1992 , 87, 536-47	11.8	17
34	Current status of antioxidant therapy. <i>Free Radical Biology and Medicine</i> , 1993 , 15, 77-96	7.8	321
33	Comparisons of ESR and HPLC methods for the detection of OH. radicals in ischemic/reperfused hearts. A relationship between the genesis of free radicals and reperfusion arrhythmias. <i>Biochemical Pharmacology</i> , 1993 , 45, 961-9	6	79
32	Radical generation and detection in myocardial injury. <i>New Comprehensive Biochemistry</i> , 1994 , 333-359		5
31	Perfusion delay causes unintentional ischemic preconditioning in isolated heart preparation. <i>Basic Research in Cardiology</i> , 1995 , 90, 418-23	11.8	17
30	The roles of reactive oxygen species and endogenous opioid peptides in ischemia-induced arrhythmia of isolated rat hearts. <i>Free Radical Biology and Medicine</i> , 1995 , 18, 593-8	7.8	27
29	Novel monohydroxamate drugs attenuate myocardial reperfusion-induced arrhythmias. <i>International Journal of Biochemistry and Cell Biology</i> , 1996 , 28, 405-13	5.6	

28	Left ventricular interstitial 8-hydroxy-deoxyguanosine concentration following myocardial ischemia and reperfusion in anesthetized rats. <i>Redox Report</i> , 1996 , 2, 379-83	5.9	4
27	EUK-8 a synthetic catalytic scavenger of reactive oxygen species protects isolated iron-overloaded rat heart from functional and structural damage induced by ischemia/reperfusion. <i>Cardiovascular Drugs and Therapy</i> , 1996 , 10, 331-9	3.9	36
26	Increased formation of interstitial hydroxyl radical following myocardial ischemia: possible relationship to endogenous opioid peptides. <i>Redox Report</i> , 1997 , 3, 295-301	5.9	4
25	Nitroxide radicals prevent metal-aggravated reperfusion injury in isolated rat heart. <i>Free Radical Research</i> , 1997 , 27, 627-35	4	21
24	Reperfusion Injury: Basic Concepts and Protection Strategies. <i>Journal of Thrombosis and Thrombolysis</i> , 1997 , 4, 7-24	5.1	27
23	Influence of the severity of myocardial ischemia on the intensity of ascorbyl free radical release and on postischemic recovery during reperfusion. <i>Free Radical Biology and Medicine</i> , 1998 , 24, 470-9	7.8	57
22	Oxidative Stress and Ventricular Dysfunction in Ischemic Heart Disease. <i>Heart Failure Reviews</i> , 1999 , 4, 1-10	5	3
21	New perspectives on the cardioprotective phosphonate effect of the spin trap 5-(diethoxyphosphoryl)-5-methyl-1-pyrroline N-oxide: an hemodynamic and 31P NMR study in rat hearts. <i>Free Radical Biology and Medicine</i> , 1999 , 27, 34-41	7.8	13
20	Alpha-tocopherol acetate significantly suppressed the increase in heart interstitial 8-hydroxydeoxyguanosine following myocardial ischemia and reperfusion in anesthetized rats. <i>Clinica Chimica Acta</i> , 1999 , 285, 163-8	6.2	5
19	Cardioplegia and Surgical Ischemia. 2001 , 887-925		3
18	Effects of melatonin on ischemia and reperfusion injury of the rat heart. <i>Cardiovascular Drugs and Therapy</i> , 2001 , 15, 251-7	3.9	45
17	Effect of two new PBN-derived phosphorylated nitrones against postischemic ventricular dysrhythmias. <i>Fundamental and Clinical Pharmacology</i> , 2003 , 17, 433-42	3.1	8
16	Protective effect of edaravone against hypoxia-reoxygenation injury in rabbit cardiomyocytes. <i>British Journal of Pharmacology</i> , 2004 , 142, 618-26	8.6	27
15	Oxidant mechanisms in response to ambient air particles. <i>Molecular Aspects of Medicine</i> , 2004 , 25, 169-82	6.7	180
14	N-hydroxy-pyrroline modification of verapamil exhibits antioxidant protection of the heart against ischemia/reperfusion-induced cardiac dysfunction without compromising its calcium antagonistic activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 323, 119-27	4.7	9
13	The effect of high dose melatonin on cardiac ischemia- reperfusion Injury. <i>Yonsei Medical Journal</i> , 2008 , 49, 735-41	3	13
12	The radical trap 5,5-dimethyl-1-pyrroline N-oxide exerts dose-dependent protection against myocardial ischemia-reperfusion injury through preservation of mitochondrial electron transport. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 329, 515-23	4.7	45
11	Evaluation of antioxidant and immunity activities of quercetin in isoproterenol-treated rats. <i>Molecules</i> , 2012 , 17, 4281-91	4.8	40

10	Reactive oxygen species and excitation-contraction coupling in the context of cardiac pathology. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 73, 92-102	5.8	59
9	NO and HNO donors, nitrones, and nitroxides: Past, present, and future. <i>Medicinal Research Reviews</i> , 2018 , 38, 1159-1187	14.4	37
8	Nitric oxide plays a pivotal role in cardioprotection induced by pomegranate juice against myocardial ischemia and reperfusion. <i>Phytotherapy Research</i> , 2018 , 32, 2069-2077	6.7	6
7	Stunning: A Radical Re-view. 1992 , 10-55		3
6	Protection against reperfusion-induced arrhythmias by human thioredoxin. <i>Journal of Cardiovascular Pharmacology</i> , 1996 , 27, 727-32	3.1	54
5	Protection against free radical injury in the heart and cardiac performance. 2000 , 655-687		
4	OXIDANT STRESS AND THE HEART: PROSPECTS FOR NOVEL ANTIARRHYTHMIC THERAPIES DURING ISCHEMIA AND REPERFUSION. 1991 , 683-689		
3	IMPROVEMENT OF HEART FUNCTION BY THE SPIN TRAP alpha-PHENYL-t-BUTYL NITRONE POSSIBLY CAUSED BY ITS NITROXYL RADICAL ADDUCT. 1991 , 421-425		
2	Combined effects of the implementation of magnesium and ascorbic acid on myocardial ischemia-reperfusion in open heart surgery. <i>Anatolian Current Medical Journal</i> ; 2021 , 3, 319-326		
1	Generation of free radicals in Langendorff and working hearts during normoxia, hypoxia, and reoxygenation. <i>Basic Research in Cardiology</i> , 1993 , 88, 141-9	11.8	14