CITATION REPORT List of articles citing

Angiotensin II-mediated hypertension in the rat increases vascular superoxide production via membrane NADH/NADPH oxidase activation. Contribution to alterations of vasomotor tone

DOI: 10.1172/jci118623 Journal of Clinical Investigation, 1996, 97, 1916-23.

Source: https://exaly.com/paper-pdf/27010665/citation-report.pdf

Version: 2024-04-28

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
1958	Reactive oxygen species produced by macrophage-derived foam cells regulate the activity of vascular matrix metalloproteinases in vitro. Implications for atherosclerotic plaque stability. <i>Journal of Clinical Investigation</i> , 1996 , 98, 2572-9	15.9	857
1957	Converting enzyme inhibitor improves forearm reactive hyperemia in essential hypertension. 1997 , 29, 286-90		96
1956	G protein-coupled receptor kinase 5 in cultured vascular smooth muscle cells and rat aorta. Regulation by angiotensin II and hypertension. 1997 , 272, 32482-8		57
1955	Angiotensin II signaling in vascular smooth muscle. New concepts. 1997 , 29, 366-73		312
1954	Effects of chronic ETA-receptor blockade in angiotensin II-induced hypertension. 1997 , 29, 435-41		130
1953	Formation of the NO donors glyceryl mononitrate and glyceryl mononitrite from the reaction of peroxynitrite with glycerol. 1997 , 328 (Pt 2), 517-24		28
1952	Localization of a constitutively active, phagocyte-like NADPH oxidase in rabbit aortic adventitia: enhancement by angiotensin II. 1997 , 94, 14483-8		397
1951	The antiatherogenic potential of blocking the renin-angiotensin system. 1997 , 6, 1651-8		1
1950	Effects of nitric oxide and superoxide on relaxation in human artery and vein. 1997 , 133, 77-86		56
1949	Cardioprotective mechanisms of ACE inhibition. The angiotensin II-nitric oxide balance. 1997 , 54 Suppl 5, 1-11		7
1948	Endothelial function and bradykinin in humans. 1997 , 54 Suppl 5, 42-7		44
1947	Coronary endothelial function in health and disease. 1997 , 53 Suppl 1, 20-9		8
1946	Is there a rationale for combining angiotensin-converting enzyme inhibitors and calcium antagonists in cardiovascular disease?. 1997 , 134, S31-47		11
1945	Cellular and molecular mechanisms of endothelial cell dysfunction. <i>Journal of Clinical Investigation</i> , 1997 , 100, 2153-7	15.9	761
1944	Biology of the Endothelium. 1997 , 20, II-3		210
1943	Endothelial Function and Oxidant Stress. 1997 , 20, II-11		116
1942	Vasculoprotective and Cardioprotective Mechanisms of Angiotensin-Converting Enzyme Inhibition: The Homeostatic Balance Between Angiotensin II and Nitric Oxide. 1997 , 20, II-18		5

1941 Interaction of Nitric Oxide and the Renin Angiotensin System in Renal Hypertensive Rats. **1997**, 74, 83-90

1940 Superoxide: a two-edged sword. 1997 , 30, 141-55		57
1939 NADH/NADPH Oxidase and Vascular Function. 1997 , 7, 301-7		67
Endothelial function as a determinant of vascular function and structure: a 1938 1997, 79, 3-8	a new therapeutic target.	114
1937 The physiology and pathophysiology of the nitric oxide/superoxide system	n. 1997 , 22, 158-72	111
1936 Should we aim at tissue renin-angiotensin systems?. 1998 , 20, 93-9		4
Neurohormonal Activation and Nitrate Tolerance: Implications for Concon Angiotensin-Converting Enzyme Inhibitors or Angiotensin Receptor Block		11
The effects of angiotensin-converting enzyme inhibition on endothelial dy in myocardial ischemia. 1998 , 82, 23S-27S	sfunction: potential role	16
The effects of angiotensin-converting enzyme inhibition on endothelial dy in myocardial ischemia. 1998 , 82, S23-S27	ysfunction: Potential role	6
Inhibition of NADPH-cytochrome P450 reductase and glyceryl trinitrate bi diphenyleneiodonium sulfate. 1998 , 56, 881-93	otransformation by	86
1931 Redox control of vascular smooth muscle proliferation. 1998 , 132, 9-15		174
Hydralazine prevents endothelial dysfunction, but not the increase in super nitric oxide-deficient hypertension. 1998 , 362, 77-81	eroxide production in	24
1929 Increased NADH oxidase activity in the retina of the BBZ/Wor diabetic rat.	. 1998 , 24, 111-20	102
[Therapeutic options for improvement of myocardial perfusion in coronar 23, 116-29	y atherosclerosis]. 1998 ,	2
1927 Angiotensin II induces superoxide anion production by mesangial cells. 19	98 , 54, 775-84	200
Angiotensin II-mediated expression of p27Kip1 and induction of cellular h tubular cells depend on the generation of oxygen radicals. 1998 , 54, 1923		133
1925 Oxygen radicals and signaling. 1998 , 10, 248-53		960
1924 Angiotensin, LDL peroxidation and atherosclerosis. <i>Life Sciences</i> , 1998 , 63	, 1-11 6.8	68

1923	Lecithinized superoxide dismutase induces vasodilation; evidence of direct contribution of superoxide anions to modulating vascular tone. <i>Life Sciences</i> , 1999 , 64, PL65-70	6.8	9
1922	Beneficial effects of angiotensin-converting enzyme inhibitors during acute revascularization. 1998 , 66, 487-492		8
1921	Effect of enalapril on endothelial function in young insulin-dependent diabetic patients: a randomized, double-blind study. 1998 , 31, 1330-5		67
1920	Additional benefit of vitamin E supplementation to simvastatin therapy on vasoreactivity of the brachial artery of hypercholesterolemic men. 1998 , 32, 711-6		97
1919	Electron spin resonance detection of extracellular superoxide anion released by cultured endothelial cells. 1998 , 29, 441-9		19
1918	Nitrate therapy for stable angina pectoris. 1998 , 338, 520-31		309
1917	Quantification of superoxide radical formation in intact vascular tissue using a Cypridina luciferin analog as an alternative to lucigenin. 1998 , 248, 382-6		46
1916	Endothelial function in health and disease: new insights into the genesis of cardiovascular disease. 1998 , 105, 32S-39S		2 90
1915	Extracellular and intracellular arachidonic acid-induced contractions in rat aorta. 1998 , 349, 67-73		4
1914	Dietary L-arginine and alpha-tocopherol reduce vascular oxidative stress and preserve endothelial function in hypercholesterolemic rabbits via different mechanisms. 1998 , 141, 31-43		96
1913	Randomized, double-blind, placebo-controlled study of ascorbate on the preventive effect of nitrate tolerance in patients with congestive heart failure. 1998 , 97, 886-91		53
1912	Neural and hypotensive effects of angiotensin II receptor blockade. 1998 , 31, 378-83		28
1911	Superoxide released to high intra-arteriolar pressure reduces nitric oxide-mediated shear stress-and agonist-induced dilations. 1998 , 83, 960-5		117
1910	Induction of plasminogen activator inhibitor type 1 and type 1 collagen expression in rat cardiac microvascular endothelial cells by interleukin-1 and its dependence on oxygen-centered free radicals. 1998 , 97, 2175-82		77
1909	Prostaglandin I2 contributes to the vasodepressor effect of baicalein in hypertensive rats. 1998 , 31, 86	6-71	29
1908	Felodipine inhibits free-radical production by cytokines and glucose in human smooth muscle cells. 1998 , 32, 1011-5		23
1907	Oscillatory and steady laminar shear stress differentially affect human endothelial redox state: role of a superoxide-producing NADH oxidase. 1998 , 82, 1094-101		516
1906	Vitamin C improves endothelial function of conduit arteries in patients with chronic heart failure. 1998 , 97, 363-8		332

[1998-1998]

1905	Role of NADH/NADPH oxidase-derived H2O2 in angiotensin II-induced vascular hypertrophy. 1998 , 32, 488-95	551
1904	Coronary artery responses to physiological stimuli are improved by deferoxamine but not by L-arginine in non-insulin-dependent diabetic patients with angiographically normal coronary arteries and no other risk factors. 1998 , 97, 736-43	113
1903	Losartan but not verapamil inhibits angiotensin II-induced tissue endothelin-1 increase: role of blood pressure and endothelial function. 1998 , 31, 1305-10	95
1902	Alterations of nitric oxide synthase expression with aging and hypertension in rats. 1998 , 31, 643-8	290
1901	Angiotensin II induces monocyte chemoattractant protein-1 gene expression in rat vascular smooth muscle cells. 1998 , 83, 952-9	345
1900	Angiotensin II induces p67phox mRNA expression and NADPH oxidase superoxide generation in rabbit aortic adventitial fibroblasts. 1998 , 32, 331-7	194
1899	Superoxide anion from the adventitia of the rat thoracic aorta inactivates nitric oxide. 1998 , 82, 810-8	313
1898	Glucocorticoids inhibit superoxide anion production and p22 phox mRNA expression in human aortic smooth muscle cells. 1998 , 32, 1083-8	80
1897	Increased angiotensin II type 1 receptor expression in hypercholesterolemic atherosclerosis in rabbits. 1998 , 18, 1433-9	116
1896	Mechanical Deformation of the Arterial Wall in Hypertension: A Mechanism for Vascular Pathology. 1998 , 316, 156-161	1
1895	Antioxidants for hypertension. 1998 , 7, 531-8	84
1894	The role of endothelium in human hypertension. 1998 , 7, 203-9	34
1893	Chronic treatment with losartan ameliorates vascular dysfunction induced by aging in spontaneously hypertensive rats. 1998 , 16, 665-72	23
1892	Dissociation of blood pressure reduction from end-organ damage in TGR(mREN2)27 transgenic hypertensive rats. 1998 , 16, 1759-65	27
1891	Tumour necrosis factor alpha activates a p22phox-based NADH oxidase in vascular smooth muscle. 1998 , 329 (Pt 3), 653-7	269
1890	Endothelium and acute coronary syndromes. 1998 , 44, 1799-1808	76
1889	Role of nitric oxide in cardiovascular disease: focus on the endothelium. 1998 , 44, 1809-1819	237
1888	Stretch force on vascular smooth muscle cells enhances oxidation of LDL via superoxide production. 1998 , 274, H1928-32	17

1887	Antagonism of ANG II type 1 receptors protects the endothelium during the early stages of renal hypertension in rats. 1998 , 275, R1950-7	3
1886	Vasodilator dysfunction in aged spontaneously hypertensive rats: changes in NO synthase III and soluble guanylyl cyclase expression, and in superoxide anion production. 1998 , 37, 772-9	143
1885	Endothelium-specific activation of NAD(P)H oxidase in aortas of exogenously hyperinsulinemic rats. 1999 , 277, E976-83	31
1884	Inhibition of copper/zinc superoxide dismutase impairs NOmediated endothelium-dependent relaxations. 1999 , 276, H1043-8	26
1883	Regulation of NO-elicited pulmonary artery relaxation and guanylate cyclase activation by NADH oxidase and SOD. 1999 , 276, H1535-42	14
1882	Modulation of the adaptive response to myocardial ischemia by coexisting disease. 1999 , 276, H2268-70	
1881	Resistance of endothelium-dependent relaxation to elevation of O(-)(2) levels in rabbit carotid artery. 1999 , 277, H2109-14	21
1880	Modulation of expression of endothelial nitric oxide synthase by nordihydroguaiaretic acid, a phenolic antioxidant in cultured endothelial cells. 1999 , 56, 116-23	52
1879	Angiotensin II and oxidized LDL: an unholy alliance creating oxidative stress. 1999, 14, 2585-9	20
1878	State-of-the-Art lecture. Role of angiotensin and oxidative stress in essential hypertension. 1999 , 34, 943-9	297
1877	Increased superoxide in heart failure: a biochemical baroreflex gone awry. 1999, 100, 216-8	137
1876	Ang II-stimulated superoxide production is mediated via phospholipase D in human vascular smooth muscle cells. 1999 , 34, 976-82	178
1875	Endothelial dysfunction in chronic myocardial infarction despite increased vascular endothelial nitric oxide synthase and soluble guanylate cyclase expression: role of enhanced vascular superoxide production. 1999 , 100, 292-8	315
1874	Downregulation of soluble guanylyl cyclase in young and aging spontaneously hypertensive rats. 1999 , 85, 534-41	180
1873	Superoxide Anion Generation, Superoxide Dismutase Activity, and Nitric Oxide Release in Human Internal Mammary Artery and Saphenous Vein Segments. 1999 , 4, 249-257	13
1872	Endothelial function in hypertension: the role of superoxide anion. 1999 , 34, 539-45	282
1871	Exercise improves flow-mediated vasodilatation of skeletal muscle arteries in rats with chronic heart failure. Role of nitric oxide, prostanoids, and oxidant stress. 1999 , 99, 2951-7	120
1870	Paracrine role of adventitial superoxide anion in mediating spontaneous tone of the isolated rat aorta in angiotensin II-induced hypertension. 1999 , 33, 1225-32	102

1869	Superoxide anion production is increased in a model of genetic hypertension: role of the endothelium. 1999 , 33, 1353-8	364
1868	LOX-1, a possible clue to the missing link between hypertension and atherogenesis. 1999 , 84, 1113-5	44
1867	Angiotensin II induces vascular cell adhesion molecule-1 expression in rat vasculature: A potential link between the renin-angiotensin system and atherosclerosis. 1999 , 100, 1223-9	322
1866	Overexpression of human catalase inhibits proliferation and promotes apoptosis in vascular smooth muscle cells. 1999 , 85, 524-33	187
1865	Pathogenic role of oxidative stress in vascular angiotensin-converting enzyme activation in long-term blockade of nitric oxide synthesis in rats. 1999 , 34, 546-51	94
1864	Stimulation of a vascular smooth muscle cell NAD(P)H oxidase by thrombin. Evidence that p47(phox) may participate in forming this oxidase in vitro and in vivo. 1999 , 274, 19814-22	266
1863	Tissue inhibition of angiotensin-converting enzyme activity stimulates angiogenesis in vivo. 1999 , 99, 3043-9	155
1862	Evidence for a causal role of the renin-angiotensin system in nitrate tolerance. 1999 , 99, 3181-7	89
1861	Nitration of angiotensin II by .NO2 radicals and peroxynitriteNO protects against .NO2 radical reaction. 1999 , 265, 967-71	8
1860	Clinical importance of coronary endothelial vasodilator dysfunction and therapeutic options. 1999 , 245, 315-27	75
1859	Increased NAD(P)H oxidase-mediated superoxide production in renovascular hypertension: evidence for an involvement of protein kinase C. 1999 , 55, 252-60	191
1858	Losartan-sensitive renal damage caused by chronic NOS inhibition does not involve increased renal angiotensin II concentrations. 1999 , 56, 222-31	28
1857	Role for NADPH/NADH oxidase in the modulation of vascular tone. 1999 , 874, 386-400	81
1856	Prostaglandin endoperoxide-dependent vasospasm in bovine coronary arteries after nitration of prostacyclin synthase. 1999 , 126, 1283-92	74
1855	Role of superoxide dismutase in in vivo and in vitro nitrate tolerance. 1999 , 127, 1224-30	50
1854	Oxidant stress in the vasculature. 1999 , 1, 156-64	92
1853	Nitric oxide, nitric oxide synthase, and hypertensive vascular disease. 1999 , 1, 88-95	16
1852	Hypertensive vascular disease and inflammation: mechanical and humoral mechanisms. 1999 , 1, 96-101	20

1851	Reactive oxygen species and the control of vasomotor tone. 1999 , 1, 102-8	32
1850	Effect of enalaprilat on nitric oxide activity in coronary artery disease. 1999 , 84, 1-6	22
1849	Relationship of the C242T p22phox gene polymorphism to angiographic coronary artery disease and endothelial function. 1999 , 86, 57-61	50
1848	Chemiluminescent detection of oxidants in vascular tissue. Lucigenin but not coelenterazine enhances superoxide formation. 1999 , 84, 1203-11	146
1847	Endothelial membrane potential regulates production of both nitric oxide and superoxidea fundamental determinant of vascular health. 1999 , 53, 277-89	22
1846	Increased NADH-oxidase-mediated superoxide production in the early stages of atherosclerosis: evidence for involvement of the renin-angiotensin system. 1999 , 99, 2027-33	617
1845	Calcium-dependent PAF-stimulated generation of reactive oxygen species in a human keratinocyte cell line. 1999 , 1438, 349-58	18
1844	Abnormal flow-mediated epicardial vasomotion in human coronary arteries is improved by angiotensin-converting enzyme inhibition: a potential role of bradykinin. 1999 , 33, 796-804	54
1843	Effect of intensive therapy for heart failure on the vasodilator response to exercise. 1999 , 33, 743-9	12
1842	Endothelial dysfunction and hypertensive vasoconstriction. 1999 , 40, 113-24	39
	Endothelial dysfunction and hypertensive vasoconstriction. 1999 , 40, 113-24 Nitric oxide donor generation from reactions of peroxynitrite. 1999 , 301, 288-98	399
	Nitric oxide donor generation from reactions of peroxynitrite. 1999 , 301, 288-98	
1841	Nitric oxide donor generation from reactions of peroxynitrite. 1999 , 301, 288-98 Improvement in endothelial function by angiotensin-converting enzyme inhibition in	9
1841 1840	Nitric oxide donor generation from reactions of peroxynitrite. 1999 , 301, 288-98 Improvement in endothelial function by angiotensin-converting enzyme inhibition in non-insulin-dependent diabetes mellitus. 1999 , 33, 1506-11 Effect of angiotensin-converting enzyme inhibition and angiotensin II type 1 receptor antagonism	9
1841 1840 1839	Nitric oxide donor generation from reactions of peroxynitrite. 1999, 301, 288-98 Improvement in endothelial function by angiotensin-converting enzyme inhibition in non-insulin-dependent diabetes mellitus. 1999, 33, 1506-11 Effect of angiotensin-converting enzyme inhibition and angiotensin II type 1 receptor antagonism on postprandial endothelial function. 1999, 34, 140-5	9 154 76
1841 1840 1839	Nitric oxide donor generation from reactions of peroxynitrite. 1999, 301, 288-98 Improvement in endothelial function by angiotensin-converting enzyme inhibition in non-insulin-dependent diabetes mellitus. 1999, 33, 1506-11 Effect of angiotensin-converting enzyme inhibition and angiotensin II type 1 receptor antagonism on postprandial endothelial function. 1999, 34, 140-5 Assessment and treatment of endothelial dysfunction in humans. 1999, 34, 631-8 Validation of lucigenin as a chemiluminescent probe to monitor vascular superoxide as well as basal	9 154 76 340
1841 1840 1839 1838	Nitric oxide donor generation from reactions of peroxynitrite. 1999, 301, 288-98 Improvement in endothelial function by angiotensin-converting enzyme inhibition in non-insulin-dependent diabetes mellitus. 1999, 33, 1506-11 Effect of angiotensin-converting enzyme inhibition and angiotensin II type 1 receptor antagonism on postprandial endothelial function. 1999, 34, 140-5 Assessment and treatment of endothelial dysfunction in humans. 1999, 34, 631-8 Validation of lucigenin as a chemiluminescent probe to monitor vascular superoxide as well as basal vascular nitric oxide production. 1999, 254, 319-24 Effect of insulin resistance on left ventricular hypertrophy and dysfunction in essential	9 154 76 340 164

(2000-2000)

1833	Chronic inhibition of nitric oxide synthesis in rats increases aortic superoxide anion production via the action of angiotensin II. 2000 , 18, 1795-800	45
1832	Endothelial dysfunctions: common denominators in vascular disease. 2000 , 3, 453-67	36
1831	Endothelial dysfunctions: common denominators in vascular disease. 2000 , 11, 9-23	84
1830	Role of oxidative stress in cardiovascular diseases. 2000 , 18, 655-73	984
1829	Acute production of vascular superoxide by angiotensin II but not by catecholamines. 2000 , 18, 179-85	27
1828	Impaired endothelial function in arterial hypertension and hypercholesterolemia: potential mechanisms and differences. 2000 , 18, 363-74	119
1827	Angiotensin II induces renal oxidant stress in vivo and heme oxygenase-1 in vivo and in vitro. 2000 , 58, 144-52	129
1826	ACE-inhibition modulates some endothelial functions in healthy subjects and in normotensive type 1 diabetic patients. 2000 , 30, 853-60	30
1825	Enalapril prevents aortic hyperreactivity and remodelling in one-kidney, one-clip hypertensive rats without reducing arterial pressure. 2000 , 27, 474-9	3
1824	Comparison of zofenopril and lisinopril to study the role of the sulfhydryl-group in improvement of endothelial dysfunction with ACE-inhibitors in experimental heart failure. 2000 , 130, 1999-2007	54
1823	Negative feedback regulation of reactive oxygen species on AT1 receptor gene expression. 2000 , 131, 795-803	42
1822	Tetrahydrobiopterin impairs the action of endothelial nitric oxide via superoxide derived from platelets. 2000 , 131, 958-64	13
1821	Renal expression of constitutive NOS and DDAH: separate effects of salt intake and angiotensin. 2000 , 58, 2075-83	59
1820	Calcium signaling and oxidant stress in the vasculature. 2000 , 28, 1362-9	120
1819	Cell signaling by reactive nitrogen and oxygen species in atherosclerosis. 2000 , 28, 1780-94	178
1818	NADPH oxidase: a universal oxygen sensor?. 2000 , 29, 416-24	128
1817	H(2)O(2)-induced egr-1, fra-1, and c-jun gene expression is mediated by tyrosine kinase in aortic smooth muscle cells. 2000 , 29, 736-46	41
1816	Inhibition of vascular NADH/NADPH oxidase activity by thiol reagents: lack of correlation with cellular glutathione redox status. 2000 , 29, 889-99	20

1815	Increased H2O2, vascular endothelial growth factor and receptors in the retina of the BBZ/Wor diabetic rat. 2000 , 28, 91-101	136
1814	A new approach for extracellular spin trapping of nitroglycerin-induced superoxide radicals both in vitro and in vivo. 2000 , 28, 121-8	55
1813	Pharmacological effects of novel quinone compounds, 6-(fluorinated-phenyl)amino-5,8-quinolinediones, on inhibition of drug-induced relaxation of rat aorta and their putative action mechanism. 2000 , 34, 33-42	8
1812	Coronary microcirculation: physiology and pharmacology. 2000 , 86, 217-61	72
1811	Unchanged cardiac angiotensin II levels accompany losartan-sensitive cardiac injury due to nitric oxide synthase inhibition. 2000 , 400, 239-47	11
1810	Secretion of MCP-1 and IL-6 by cytokine stimulated production of reactive oxygen species in endothelial cells. <i>Molecular and Cellular Biochemistry</i> , 2000 , 206, 105-12	42
1809	Antihypertensive drugs and reversing of endothelial dysfunction in hypertension. 2000 , 2, 64-70	57
1808	Oxidative stress and vascular damage in hypertension. 2000 , 2, 98-105	153
1807	Free radical production and angiotensin. 2000 , 2, 167-73	106
1806	Vascular oxidant stress: molecular mechanisms and pathophysiological implications. 2000 , 56, 57-64	95
1805	Reactive oxygen species in cell signaling. 2000 , 279, L1005-28	1898
1804	Cyclic strain modulates resistance to oxidant stress by increasing G6PDH expression in smooth muscle cells. 2000 , 279, H2477-85	45
1803	SOD-1 expression in pig coronary arterioles is increased by exercise training. 2000 , 279, H2068-76	72
1802	Endothelial dysfunction and peroxynitrite formation are early events in angiotensin-induced cardiovascular disorders. 2000 , 14, 271-8	139
1801	p38 MAP kinase pathway regulates angiotensin II-induced contraction of rat vascular smooth muscle. 2000 , 279, H741-51	93
1800	5-HT(2A) receptors stimulate mitogen-activated protein kinase via H(2)O(2) generation in rat renal mesangial cells. 2000 , 278, F650-8	73
1799	Upregulation of p67(phox) and gp91(phox) in aortas from angiotensin II-infused mice. 2000 , 279, H2234-40	138
1798	Heme oxygenase-1 is upregulated in the rat heart in response to chronic administration of angiotensin II. 2000 , 279, H672-8	41

(2000-2000)

1797	atherosclerosis. 2000 , 101, 2349-54	174
1796	Evidence for a NADH/NADPH oxidase in human umbilical vein endothelial cells using electron spin resonance. 2000 , 2, 779-87	24
1795	Angiotensin II Type 1 Receptor Blockade: a Novel Therapeutic Concept. 2000 , 9, 9-13	15
1794	The renin angiotensin system and cardiovascular disease: hope or hype?. 2000 , 1, 142-6	18
1793	Oral administration of tetrahydrobiopterin prevents endothelial dysfunction and vascular oxidative stress in the aortas of insulin-resistant rats. 2000 , 87, 566-73	203
1792	Pharmacological concentrations of ascorbic acid are required for the beneficial effect on endothelial vasomotor function in hypertension. 2000 , 35, 936-41	130
1791	Effect of the angiotensin II type 1 receptor blocker candesartan on endothelial function in patients with essential hypertension. 2000 , 35, 501-6	163
1790	Perioperative Treatment of Congestive Heart Failure. 2000 , 4, 223-235	
1789	Role of NAD(P)H oxidase in angiotensin II-induced JAK/STAT signaling and cytokine induction. 2000 , 87, 1195-201	230
1788	Angiotensin II stimulates endothelial vascular cell adhesion molecule-1 via nuclear factor-kappaB activation induced by intracellular oxidative stress. 2000 , 20, 645-51	429
1787	Effects of long-term nitroglycerin treatment on endothelial nitric oxide synthase (NOS III) gene expression, NOS III-mediated superoxide production, and vascular NO bioavailability. 2000 , 86, E7-E12	165
1786	Cyclophilin A is a secreted growth factor induced by oxidative stress. 2000 , 87, 789-96	331
1785	Vascular NADH/NADPH oxidase is involved in enhanced superoxide production in spontaneously hypertensive rats. 2000 , 35, 1055-61	318
1784	Role of reactive oxygen species in bradykinin-induced mitogen-activated protein kinase and c-fos induction in vascular cells. 2000 , 35, 942-7	65
1783	Insertion-deletion polymorphism of the ACE gene modulates reversibility of endothelial dysfunction with ACE inhibition. 2000 , 102, 35-41	224
1782	Increased oxidative stress in rats with chronic nitric oxide depletion: measurement of urinary 8-hydroxy-2'-deoxyguanosine excretion. 2000 , 5, 23-8	28
1781	Redox control of vascular nitric oxide bioavailability. 2000 , 2, 919-35	30
1780	Vascular effects following homozygous disruption of p47(phox) : An essential component of NADPH oxidase. 2000 , 101, 1234-6	140

1779	AT(1) receptor blockade and atherosclerosis: hopeful insights into vascular protection. 2000 , 101, 1496-7	25
1778	Investigation into the sources of superoxide in human blood vessels: angiotensin II increases superoxide production in human internal mammary arteries. 2000 , 101, 2206-12	266
1777	Effect of enalapril on exhaled nitric oxide in normotensive and hypertensive subjects. 2000 , 36, 934-40	18
1776	Improvement of endothelial function by chronic angiotensin-converting enzyme inhibition in heart failure: role of nitric oxide, prostanoids, oxidant stress, and bradykinin. 2000 , 102, 351-6	132
1775	Vascular superoxide production by NAD(P)H oxidase: association with endothelial dysfunction and clinical risk factors. 2000 , 86, E85-90	366
1774	CC chemokine receptor 2 is required for macrophage infiltration and vascular hypertrophy in angiotensin II-induced hypertension. 2000 , 36, 360-3	126
1773	Superoxide regulation of endothelin-converting enzyme. 2000 , 275, 26423-7	34
1772	Gene transfer of endothelial nitric oxide synthase improves relaxation of carotid arteries from diabetic rabbits. 2000 , 101, 1027-33	112
1771	Targeting Rho in cardiovascular disease. 2000 , 87, 526-8	151
1770	Modulation of protein kinase activity and gene expression by reactive oxygen species and their role in vascular physiology and pathophysiology. 2000 , 20, 2175-83	776
1769	Coronary microvascular endothelial cell redox state in left ventricular hypertrophy: the role of angiotensin II. 2000 , 86, 463-9	70
1768	Molecular characterization and localization of the NAD(P)H oxidase components gp91-phox and p22-phox in endothelial cells. 2000 , 20, 1903-11	205
1767	Interactions of oxidants with vascular signaling systems. 2000 , 20, 1430-42	398
1766	Vascular gp91(phox): beyond the endothelium. 2000 , 87, 1-3	647
1765	Quest for fire: seeking the source of pathogenic oxygen radicals in atherosclerosis. 2000 , 20, 1412-3	25
1764	Beneficial effects of vitamin E treatment in acute myocardial infarction. 2000 , 5, 51-8	42
1763	Nitric oxide synthase in atherosclerosis and vascular injury: insights from experimental gene therapy. 2000 , 20, 1873-81	80
1762	Gene transfer of endothelial nitric oxide synthase reduces angiotensin II-induced endothelial dysfunction. 2000 , 35, 595-601	64

(2000-2000)

1761	deoxycorticosterone acetate-salt. 2000 , 101, 1722-8	260
1760	Coronary heart disease in smokers: vitamin C restores coronary microcirculatory function. 2000 , 102, 1233-8	198
1759	Molecular plasticity of vascular wall during N(G)-nitro-L-arginine methyl ester-induced hypertension: modulation of proinflammatory signals. 2000 , 36, 103-9	98
1758	NF- kappa B independent suppression of endothelial vascular cell adhesion molecule-1 and intercellular adhesion molecule-1 gene expression by inhibition of flavin binding proteins and superoxide production. 2000 , 32, 1499-508	32
1757	Modulation of myocardial SOD and iNOS during ischemia-reperfusion by antisense directed at ACE mRNA. 2000 , 32, 2259-68	7
1756	Reactive oxygen species as mediators of angiotensin II signaling. 2000 , 91, 21-7	329
1755	The multiple actions of angiotensin II in atherosclerosis. 2000 , 93, 65-77	145
1754	Nitric oxide in heart failure. 2000 , 73, 131-4	2
1753	Endothelial dysfunction associated with left ventricular diastolic dysfunction in patients with coronary heart disease. 2000 , 72, 275-9	27
1752	NAD(P)H oxidase: role in cardiovascular biology and disease. 2000 , 86, 494-501	2467
1752 1751	NAD(P)H oxidase: role in cardiovascular biology and disease. 2000 , 86, 494-501 Afferent arteriolar reactivity to angiotensin II is enhanced during the early phase of angiotensin II hypertension. 2000 , 13, 810-8	2467 40
	Afferent arteriolar reactivity to angiotensin II is enhanced during the early phase of angiotensin II	
1751	Afferent arteriolar reactivity to angiotensin II is enhanced during the early phase of angiotensin II hypertension. 2000, 13, 810-8 The influence of left ventricular geometry on coronary vasomotion in patients with essential	40
1751 1750	Afferent arteriolar reactivity to angiotensin II is enhanced during the early phase of angiotensin II hypertension. 2000, 13, 810-8 The influence of left ventricular geometry on coronary vasomotion in patients with essential hypertension. 2000, 13, 789-95 Plasma renin activity in the emergency department and its independent association with acute	40
1751 1750 1749	Afferent arteriolar reactivity to angiotensin II is enhanced during the early phase of angiotensin II hypertension. 2000, 13, 810-8 The influence of left ventricular geometry on coronary vasomotion in patients with essential hypertension. 2000, 13, 789-95 Plasma renin activity in the emergency department and its independent association with acute myocardial infarction. 2000, 13, 855-63 Effects of the AT1 receptor antagonist on adhesion molecule expression in leukocytes and brain	40 8 27
1751 1750 1749 1748	Afferent arteriolar reactivity to angiotensin II is enhanced during the early phase of angiotensin II hypertension. 2000, 13, 810-8 The influence of left ventricular geometry on coronary vasomotion in patients with essential hypertension. 2000, 13, 789-95 Plasma renin activity in the emergency department and its independent association with acute myocardial infarction. 2000, 13, 855-63 Effects of the AT1 receptor antagonist on adhesion molecule expression in leukocytes and brain microvessels of stroke-prone spontaneously hypertensive rats. 2000, 13, 1233-41	40 8 27 32
1751 1750 1749 1748	Afferent arteriolar reactivity to angiotensin II is enhanced during the early phase of angiotensin II hypertension. 2000, 13, 810-8 The influence of left ventricular geometry on coronary vasomotion in patients with essential hypertension. 2000, 13, 789-95 Plasma renin activity in the emergency department and its independent association with acute myocardial infarction. 2000, 13, 855-63 Effects of the AT1 receptor antagonist on adhesion molecule expression in leukocytes and brain microvessels of stroke-prone spontaneously hypertensive rats. 2000, 13, 1233-41 Endothelial dysfunction in cardiovascular diseases: the role of oxidant stress. 2000, 87, 840-4	40 8 27 32 2993

1743	The effects of exercise and training on human cardiovascular reflex control. 2000, 81, 16-24	69
1742	The insertion/deletion polymorphism of the angiotensin-converting enzyme gene determines coronary vascular tone and nitric oxide activity. 2000 , 36, 1579-86	32
1741	Neutrophil superoxide aniongenerating capacity, endothelial function and oxidative stress in chronic heart failure: effects of short- and long-term vitamin C therapy. 2000 , 36, 1474-82	121
1740	Losartan, an angiotensin type 1 receptor antagonist, improves endothelial function in non-insulin-dependent diabetes. 2000 , 36, 1461-6	107
1739	Comparative study of ACE-inhibition, angiotensin II antagonism, and calcium channel blockade on flow-mediated vasodilation in patients with coronary disease (BANFF study). 2000 , 35, 60-6	323
1738	Usefulness of (123)I-BMIPP with myocardial imaging for evaluation of the efficacy of drug therapy in patients with chronic heart failure. 2001 , 7, 257-64	5
1737	Novel competitive inhibitor of NAD(P)H oxidase assembly attenuates vascular O(2)(-) and systolic blood pressure in mice. 2001 , 89, 408-14	510
1736	Heart failure etiology affects peripheral vascular endothelial function after cardiac transplantation. 2001 , 37, 195-200	45
1735	Modulation of oxidative stress by a selective inhibition of angiotensin II type 1 receptors in MI rats. 2001 , 37, 1461-6	78
1734	Relationship between tumor necrosis factor-alpha production and oxidative stress in the failing hearts of patients with dilated cardiomyopathy. 2001 , 37, 2086-92	76
1733	Anti-ischemic effects of angiotensin- converting enzyme inhibition in hypertension. 2001 , 38, 1116-22	7
1732	Angiotensin type 1 receptor antagonism reverses abnormal coronary vasomotion in atherosclerosis. 2001 , 38, 1089-95	49
1731	Irbesartan, an angiotensin type 1 receptor inhibitor, regulates the vascular oxidative state in patients with coronary artery disease. 2001 , 38, 1662-7	60
1730	Pathophysiology of ischemic nephropathy. 2001 , 28, 793-803, ix	51
1729	Methods of detection of vascular reactive species: nitric oxide, superoxide, hydrogen peroxide, and peroxynitrite. 2001 , 89, 224-36	473
1728	Maintaining the endothelium: preventive strategies for vessel integrity. 2001 , 4, 28-37	1
1727	Redox-sensitive regulation of lox-1 gene expression in vascular endothelium. 2001 , 281, 720-5	103
1726	Overexpression of EC-SOD suppresses endothelial-cell-mediated LDL oxidation. 2001 , 285, 84-91	45

(2001-2001)

1725	Upregulation of vascular NAD(P)H oxidase subunit gp91phox and impairment of the nitric oxide signal transduction pathway in hypertension. 2001 , 285, 1130-5	60
1724	Role of angiotensin II type 1 receptor in the regulation of cellular adhesion molecules in atherosclerosis. 2001 , 142, 248-53	57
1723	Cinnamophilin as a novel antiperoxidative cytoprotectant and free radical scavenger. 2001, 1525, 77-88	20
1722	Targeting kinin receptors for the treatment of tissue ischaemia. 2001 , 22, 478-84	43
1721	Oxidative stress in a rat model of obesity-induced hypertension. 2001 , 37, 554-60	197
1720	Papel de los antioxidantes en la prevencifi de la enfermedad cardiovascular. 2001 , 116, 629-635	3
1719	Involvement of oxidation-sensitive mechanisms in the cardiovascular effects of hypercholesterolemia. 2001 , 76, 619-31	38
1718	Atrial fibrillation impairs endothelial function of forearm vessels in humans. 2001, 7, 45-54	43
1717	Antiatherosclerotic effects of ACE inhibitors: where are we now?. 2001 , 1, 315-20	7
1716	Gender differences in the regulation of blood pressure. 2001 , 37, 1199-208	798
1715	Role of angiotensin II and free radicals in blood pressure regulation in a rat model of renal hypertension. 2001 , 38, 361-6	88
1714	Role of NADPH oxidase in the vascular hypertrophic and oxidative stress response to angiotensin II in mice. 2001 , 88, 947-53	301
1713	Oxidative stress in arterial hypertension: role of NAD(P)H oxidase. 2001 , 38, 1395-9	344
1712	Interactions between nitric oxide and lipid oxidation pathways: implications for vascular disease. 2001 , 88, 12-21	236
1711	Antioxidants inhibit JNK and p38 MAPK activation but not ERK 1/2 activation by angiotensin II in rat aortic smooth muscle cells. 2001 , 24, 251-61	94
1710	Angiotensin receptors: signaling, vascular pathophysiology, and interactions with ceramide. 2001 , 281, H2337-65	187
1709	Effect of ascorbic acid treatment on conduit vessel endothelial dysfunction in patients with hypertension. 2001 , 280, H528-34	89
1708	Better microvascular function on long-term treatment with lisinopril than with nifedipine in renal transplant recipients. 2001 , 16, 1465-70	21

1707	Fluvastatin inhibits O2- and ICAM-1 levels in a rat model with aortic remodeling induced by pressure overload. 2001 , 281, H655-60	17
1706	Mechanism of inhibition of matrix metalloproteinase-9 induction by NO in vascular smooth muscle cells. 2001 , 91, 1380-6	64
1705	Vascular NAD(P)H oxidase is distinct from the phagocytic enzyme and modulates vascular reactivity control. 2001 , 280, H658-67	54
1704	Endothelial function during stimulation of renin-angiotensin system by low-sodium diet in humans. 2001 , 280, H2248-54	5
1703	Pulmonary reduction of an intravascular redox polymer. 2001 , 280, L1290-9	16
1702	Effects of the Reactive Oxygen Species Hydrogen Peroxide and Hypochlorite on Endothelial Nitric Oxide Production. 2001 , 38, 877-883	82
1701	Treatment with irbesartan or atenolol improves endothelial function in essential hypertension. 2001 , 19, 1813-8	37
1700	Oxidative stress and vascular damage in hypertension. 2001 , 12, 455-61	75
1699	Vascular protective effects of angiotensin converting enzyme inhibitors and their relation to clinical events. 2001 , 37 Suppl 1, S21-30	46
1698	Coronary vascular endothelial function and myocardial ischemia: why should we worry about endothelial dysfunction?. 2001 , 12, 475-84	11
1697	Oxidative stress and vascular damage in hypertension. 2001 , 10, 247-55	109
1696	Increased generation of superoxide by angiotensin II in smooth muscle cells from resistance arteries of hypertensive patients: role of phospholipase D-dependent NAD(P)H oxidase-sensitive pathways. 2001 , 19, 1245-54	204
1695	Enhanced superoxide anion formation in vascular tissues from spontaneously hypertensive and desoxycorticosterone acetate-salt hypertensive rats. 2001 , 19, 741-8	147
1694	Vascular effects of newer cardiovascular drugs: focus on nebivolol and ACE-inhibitors. 2001 , 38 Suppl 3, S3-11	14
1693	Gene transfer of extracellular superoxide dismutase increases superoxide dismutase activity in cerebrospinal fluid. 2001 , 32, 184-9	20
1692	Reactive oxygen species involved in trichosanthin-induced apoptosis of human choriocarcinoma cells. 2001 , 355, 653-61	72
1691	The oxidative stress hypothesis of congestive heart failure: radical thoughts. 2001 , 120, 2035-46	116
1690	Angiotensinogen gene promoter haplotype and microangiopathy-related cerebral damage: results of the Austrian Stroke Prevention Study. 2001 , 32, 405-12	53

(2001-2001)

1689	Oxidative stress increases endothelin-1 synthesis in human coronary artery smooth muscle cells. 2001 , 38, 49-57	132
1688	Involvement of Oxidation-Sensitive Mechanisms in the Cardiovascular Effects of Hypercholesterolemia. 2001 , 76, 619-631	64
1687	Upregulated Expression of Rat Heart Intercellular Adhesion Molecule-1 in Angiotensin II- but Not Phenylephrine- Induced Hypertension. 2001 , 37, 58-65	32
1686	Nonesterified fatty acids in blood pressure control and cardiovascular complications. 2001 , 3, 107-16	36
1685	Do most antihypertensive agents have a sympatholytic action?. 2001 , 3, 305-13	12
1684	Vasopeptidase inhibition and endothelial function in hypertension. 2001 , 3 Suppl 2, S6-14	1
1683	Reactive oxygen intermediates involved in cellular regulation. 2001 , 217, 101-16	9
1682	Superoxide generation of phagocytes and nonphagocytic cells. 2001 , 217, 117-24	17
1681	Mycophenolate mofetil prevents salt-sensitive hypertension resulting from angiotensin II exposure. 2001 , 59, 2222-32	187
1680	Enhanced nitric oxide inactivation in aortic coarctation-induced hypertension. 2001 , 60, 1083-7	73
1679	Inhibitory effect of reactive oxygen species on angiotensin l-converting enzyme (kininase II). 2001 , 28, 212-8	8
1678	Effects of digoxin, furosemide, enalaprilat and metoprolol on endothelial function in young normotensive subjects. 2001 , 28, 381-5	12
1677	Cyclic strain induces reactive oxygen species production via an endothelial NAD(P)H oxidase. 2001 , Suppl 36, 99-106	72
1676	Multiple role of reactive oxygen species in the arterial wall. 2001 , 82, 674-82	204
1675	Crosstalk between endothelin and nitric oxide in the control of vascular tone. 2001, 6, 265-76	57
1674	Angiogenesis gene therapy to rescue ischaemic tissues: achievements and future directions. 2001 , 133, 951-8	39
1673	Reduction of oxidative stress and AT1 receptor expression by the selective oestrogen receptor modulator idoxifene. 2001 , 134, 579-84	18
1672	Hydrogen peroxide induces a greater contraction in mesenteric arteries of spontaneously hypertensive rats through thromboxane A(2) production. 2001 , 134, 1639-46	85

1671	Angiotensin II and the pathophysiology of cardiovascular remodeling. 2001 , 87, 10C-17C	71
1670	The relevance of tissue angiotensin-converting enzyme: manifestations in mechanistic and endpoint data. 2001 , 88, 1L-20L	164
1669	Electron spin resonance characterization of the NAD(P)H oxidase in vascular smooth muscle cells. 2001 , 30, 603-12	89
1668	Dioxygen-dependent metabolism of nitric oxide in mammalian cells. 2001 , 31, 191-204	74
1667	Reaction of tetrahydrobiopterin with superoxide: EPR-kinetic analysis and characterization of the pteridine radical. 2001 , 31, 975-85	93
1666	Upregulation of the vascular NAD(P)H-oxidase isoforms Nox1 and Nox4 by the renin-angiotensin system in vitro and in vivo. 2001 , 31, 1456-64	227
1665	Effective blood pressure treatment improves LDL-cholesterol susceptibility to oxidation in patients with essential hypertension. 2001 , 250, 322-6	8
1664	Age-related reduction of NO availability and oxidative stress in humans. 2001, 38, 274-9	523
1663	Review: Interaction among angiotensin II, nitric oxide and oxidative stress. 2001 , 2, S59-S63	5
1662	Increased angiotensin-converting enzyme activity in coronary artery specimens from patients with acute coronary syndrome. 2001 , 103, 630-3	68
1661	Improvement of endothelial dysfunction in experimental heart failure by chronic RAAS-blockade: ACE-inhibition or AT1-receptor blockade?. 2001 , 2, S64-S69	4
1660	Superoxide excess in hypertension and aging: a common cause of endothelial dysfunction. 2001 , 37, 529-34	379
1659	Novel gp91(phox) homologues in vascular smooth muscle cells: nox1 mediates angiotensin II-induced superoxide formation and redox-sensitive signaling pathways. 2001 , 88, 888-94	730
1658	NAD(P)H oxidase: marker of the dedifferentiated neointimal smooth muscle cell?. 2001 , 21, 175-7	7
1657	Effects of race and hypertension on flow-mediated and nitroglycerin-mediated dilation of the brachial artery. 2001 , 38, 1349-54	93
1656	Renal artery stenosis: a common, treatable cause of renal failure?. 2001 , 52, 421-42	120
1655	IGF-1 overexpression inhibits the development of diabetic cardiomyopathy and angiotensin II-mediated oxidative stress. 2001 , 50, 1414-24	319
1654	Chronic ACE inhibition enhances the endothelial control of arterial mechanics and flow-dependent vasodilatation in heart failure. 2001 , 38, 1446-50	53

1653	Enalapril attenuates oxidative stress in diabetic rats. 2001 , 38, 1130-6	117
1652	Antioxidants block angiotensin II-induced increases in blood pressure and endothelin. 2001, 38, 655-9	113
1651	Twenty-first century phox: not yet ready for widespread screening. 2001, 103, 7-9	21
1650	Systemic and Regional Hemodynamic Responses to Tempol in Angiotensin II-Infused Hypertensive Rats. 2001 , 37, 77-83	127
1649	Renin-angiotensin blockade improves renal cGMP production via non-AT(2)-receptor mediated mechanisms in hypertension-induced by chronic NOS inhibition in rat. 2001 , 2, 233-9	4
1648	Endothelial dysfunction and salt-sensitive hypertension in spontaneously diabetic Goto-Kakizaki rats. 2001 , 37, 433-9	127
1647	Extracellular superoxide dismutase deficiency and atherosclerosis in mice. 2001 , 21, 1477-82	54
1646	Enhanced superoxide production in experimental venous bypass graft intimal hyperplasia: role of NAD(P)H oxidase. 2001 , 21, 189-94	72
1645	Increased oxidative stress in experimental renovascular hypertension. 2001, 37, 541-6	230
1644	Induction of heme oxygenase 1 in radiation nephropathy: role of angiotensin II. 2001 , 155, 734-9	23
1643	HMG-CoA reductase inhibitors improve endothelial dysfunction in normocholesterolemic hypertension via reduced production of reactive oxygen species. 2001 , 37, 1450-7	385
1642	Prevention of atherosclerosis by specific AT1-receptor blockade with candesartan cilexetil. 2001 , 2, S77-S80	2
1641	Combination of hypercholesterolemia and hypertension augments renal function abnormalities. 2001 , 37, 774-80	45
1640	Nitric oxide synthase (nNOS) gene transfer modifies venous bypass graft remodeling: effects on vascular smooth muscle cell differentiation and superoxide production. 2001 , 104, 1526-32	80
1639	Antioxidant effects of vitamins C and E are associated with altered activation of vascular NADPH oxidase and superoxide dismutase in stroke-prone SHR. 2001 , 38, 606-11	298
1638	Polymorphisms and promoter overactivity of the p22(phox) gene in vascular smooth muscle cells from spontaneously hypertensive rats. 2001 , 88, 217-22	55
1637	Decreased nitric oxide availability in normotensive and hypertensive rats with failing hearts after myocardial infarction. 2001 , 38, 1367-71	43
1636	Role of the renin-angiotensin system in vascular diseases: expanding the field. 2001 , 38, 1382-7	234

1635	Endothelial dysfunction and oxidative stress during estrogen deficiency in spontaneously hypertensive rats. 2001 , 103, 435-41	138
1634	Role of endothelin and isoprostanes in slow pressor responses to angiotensin II. 2001 , 37, 505-10	67
1633	Endothelial dysfunction and xanthine oxidoreductase activity in rats with human renin and angiotensinogen genes. 2001 , 37, 414-8	100
1632	Rapid reactive oxygen species production by mitochondria in endothelial cells exposed to tumor necrosis factor-alpha is mediated by ceramide. 2001 , 24, 762-8	278
1631	Pharmacological approaches to preserving and restoring coronary endothelial function. 2001 , 2, 1765-75	1
1630	Role of nitric oxide on the vasorelaxant effect of atrial natriuretic peptide on rabbit aorta basal tone. 2002 , 80, 1022-9	9
1629	Mechanisms of increased vascular superoxide production in human diabetes mellitus: role of NAD(P)H oxidase and endothelial nitric oxide synthase. 2002 , 105, 1656-62	824
1628	Role of p47(phox) in vascular oxidative stress and hypertension caused by angiotensin II. 2002 , 40, 511-5	485
1627	Vascular NADH oxidase is involved in impaired endothelium-dependent vasodilation in OLETF rats, a model of type 2 diabetes. 2002 , 51, 522-7	137
1626	Hypertension, angiotensin II, and oxidative stress. 2002 , 346, 1999-2001	180
1625	Adrenomedullin, an endogenous peptide, counteracts cardiovascular damage. 2002, 105, 106-11	200
1624	NAD(P)H oxidase-derived reactive oxygen species as mediators of angiotensin II signaling. 2002 , 4, 899-914	172
1623	Angiotensin II stimulation of NAD(P)H oxidase activity: upstream mediators. 2002, 91, 406-13	620
1622	Cellular antioxidant effects of atorvastatin in vitro and in vivo. 2002 , 22, 300-5	503
1621	NAD(P)H oxidase-derived hydrogen peroxide mediates endothelial nitric oxide production in response to angiotensin II. 2002 , 277, 48311-7	149
1620	Nitric oxide blockade enhances renal responses to superoxide dismutase inhibition in dogs. 2002 , 39, 293-7	73
1619	Perivascular superoxide anion contributes to impairment of endothelium-dependent relaxation: role of gp91(phox). 2002 , 106, 2497-502	99
1618	Angiotensin II type 1 receptor antagonism improves hypercholesterolemia-associated endothelial dysfunction. 2002 , 22, 1208-12	131

1617 The puzzle of nitrate tolerance: pieces smaller than we thought?. 2002 , 106, 2404-8	90
Antioxidative properties of acetylsalicylic Acid on vascular tissues from normotensive and spontaneously hypertensive rats. 2002 , 105, 387-92	122
1615 Altered nitric oxide synthase 3 distribution in mesenteric arteries of hypertensive rats. 2002 , 39, 597-602	39
Association between vascular tolerance and platelet upregulation: comparison of nonintermittent administration of pentaerithrityltetranitrate and glyceryltrinitrate. 2002 , 40, 890-7	10
Effects of chronic subdepressor dose of angiotensin II type 1 receptor antagonist on endothelium-dependent vasodilation in patients with congestive heart failure. 2002 , 40, 411-9	6
Candesartan and arterial baroreflex sensitivity and sympathetic nerve activity in patients with mild heart failure. 2002 , 40, 875-80	22
1611 Endothelial dysfunction in hypertension: fact or fantasy?. 2002 , 20, 1479-81	9
Angiotensin II injures the arterial wall causing increased aortic stiffening in apolipoprotein E-deficient mice. 2002 , 283, R1442-9	52
1609 Blockade of endothelial enzymes: new therapeutic targets. 2002 , 16 Suppl 1, S100-3	10
$_{1608}$ The reactive adventitia: fibroblast oxidase in vascular function. 2002 , 22, 1962-71	140
The reactive adventitia: fibroblast oxidase in vascular function. 2002 , 22, 1962-71 Platelet nitric oxide and superoxide release during the development of nitrate tolerance: effect of supplemental ascorbate. 2002 , 106, 208-13	140 36
Platelet nitric oxide and superoxide release during the development of nitrate tolerance: effect of	
Platelet nitric oxide and superoxide release during the development of nitrate tolerance: effect of supplemental ascorbate. 2002 , 106, 208-13	36
Platelet nitric oxide and superoxide release during the development of nitrate tolerance: effect of supplemental ascorbate. 2002 , 106, 208-13 PPARalpha activator effects on Ang II-induced vascular oxidative stress and inflammation. 2002 , 40, 866-71	36 198
Platelet nitric oxide and superoxide release during the development of nitrate tolerance: effect of supplemental ascorbate. 2002, 106, 208-13 1606 PPARalpha activator effects on Ang II-induced vascular oxidative stress and inflammation. 2002, 40, 866-71 1605 Vascular inflammation and the renin-angiotensin system. 2002, 22, 1257-66 Dose-dependent regulation of NAD(P)H oxidase expression by angiotensin II in human endothelial cells: protective effect of angiotensin II type 1 receptor blockade in patients with coronary artery	36 198 493
Platelet nitric oxide and superoxide release during the development of nitrate tolerance: effect of supplemental ascorbate. 2002, 106, 208-13 1606 PPARalpha activator effects on Ang II-induced vascular oxidative stress and inflammation. 2002, 40, 866-71 1605 Vascular inflammation and the renin-angiotensin system. 2002, 22, 1257-66 Dose-dependent regulation of NAD(P)H oxidase expression by angiotensin II in human endothelial cells: protective effect of angiotensin II type 1 receptor blockade in patients with coronary artery disease. 2002, 22, 1845-51	36 198 493
Platelet nitric oxide and superoxide release during the development of nitrate tolerance: effect of supplemental ascorbate. 2002, 106, 208-13 1606 PPARalpha activator effects on Ang II-induced vascular oxidative stress and inflammation. 2002, 40, 866-71 1605 Vascular inflammation and the renin-angiotensin system. 2002, 22, 1257-66 Dose-dependent regulation of NAD(P)H oxidase expression by angiotensin II in human endothelial cells: protective effect of angiotensin II type 1 receptor blockade in patients with coronary artery disease. 2002, 22, 1845-51 1603 Mineralocorticoid receptor antagonism in experimental atherosclerosis. 2002, 105, 2212-6 Oxygen species in the microvascular environment: regulation of vascular tone and the	36 198 493 191 186

1599	Effects of angiotensin II infusion on the expression and function of NAD(P)H oxidase and components of nitric oxide/cGMP signaling. 2002 , 90, E58-65	519
1598	Angiotensin II and catecholamines increase plasma levels of 8-epi-prostaglandin F(2alpha) with different pressor dependencies in rats. 2002 , 39, 149-54	39
1597	Simvastatin prevents angiotensin II-induced cardiac alteration and oxidative stress. 2002, 40, 142-7	136
1596	Effect of ACE inhibitors and angiotensin II type 1 receptor antagonists on endothelial NO synthase knockout mice with heart failure. 2002 , 39, 375-81	105
1595	Angiotensin II-induced insulin resistance is associated with enhanced insulin signaling. 2002 , 40, 872-9	224
1594	Antioxidant improves smooth muscle sarco/endoplasmic reticulum Ca(2+)-ATPase function and lowers tyrosine nitration in hypercholesterolemia and improves nitric oxide-induced relaxation. 2002 , 90, 1114-21	89
1593	Raloxifene improves endothelial dysfunction in hypertension by reduced oxidative stress and enhanced nitric oxide production. 2002 , 105, 2083-91	112
1592	Blunted tubuloglomerular feedback by absence of angiotensin type 1A receptor involves neuronal NOS. 2002 , 40, 934-9	19
1591	Angiotensin II type 1 receptor blocker irbesartan ameliorates vascular function in spontaneously hypertensive rats regardless of oestrogen status. 2002 , 20, 1365-72	11
1590	Long-term treatment with perindopril ameliorates dobutamine-induced myocardial ischemia in patients with coronary artery disease. 2002 , 88, 100-7	11
1589	Role of renin-angiotensin system and nuclear factor-kappaB in the obstructed kidney of rats with unilateral ureteral obstruction. 2002 , 90, 361-4	14
1588	Measuring reactive oxygen species inhibition of endothelin-converting enzyme. 2002 , 353, 263-8	
1587	Superoxide contributes to vascular dysfunction in mice that express human renin and angiotensinogen. 2002 , 283, H1569-76	58
1586	Oxygen free radicals and heart failure: new insight into an old question. 2002 , 283, L237-8	13
1585	Blockade of angiotensin II type 1 receptors suppressed free radical production and preserved coronary endothelial function in the rabbit heart after myocardial infarction. 2002 , 39, 49-57	17
1584	Quantitation of superoxide generation and substrate utilization by vascular NAD(P)H oxidase. 2002 , 282, H466-74	47
1583	Increased free radical production in hypertension due to increased expression of the NADPH oxidase subunit p22(phox) in lymphoblast cell lines. 2002 , 20, 677-83	30
1582	Increasing plasma fatty acids elevates F2-isoprostanes in humans: implications for the cardiovascular risk factor cluster. 2002 , 20, 1215-21	61

(2002-2002)

1581	hypertensive rats. 2002 , 20, 1381-91	47
1580	Prevention of hypertension, hyperglycemia and vascular oxidative stress by aspirin treatment in chronically glucose-fed rats. 2002 , 20, 1407-12	44
1579	Right enzyme? Wrong place?. 2002 , 20, 591-2	
1578	Glucose and reactive oxygen species. 2002 , 5, 561-8	307
1577	Modulation of matrix metalloproteinase-1, its tissue inhibitor, and nuclear factor-kappa B by losartan in hypercholesterolemic rabbits. 2002 , 39, 332-9	30
1576	Irbesartan lowers superoxide levels and increases nitric oxide bioavailability in blood vessels from spontaneously hypertensive stroke-prone rats. 2002 , 20, 281-6	53
1575	Angiotensin II, the endothelium and superoxide anions. 2002 , 20, 1271-3	5
1574	Addition of candesartan to angiotensin converting enzyme inhibitor therapy in patients with chronic heart failure does not reduce levels of oxidative stress. 2002 , 4, 193-9	13
1573	Pivotal role of a gp91(phox)-containing NADPH oxidase in angiotensin II-induced cardiac hypertrophy in mice. 2002 , 105, 293-6	462
1572	Reduction of renal immune cell infiltration results in blood pressure control in genetically hypertensive rats. 2002 , 282, F191-201	188
1571	Blunted acetylcholine relaxation and nitric oxide release in arteries from renal hypertensive rats. 2002 , 20, 1571-9	35
1570	Combination therapy of low-dose medroxyprogesterone acetate and oral estrogen does not affect endothelial function in the forearms of postmenopausal women. 2002 , 9, 360-6	4
1569	Functional evaluation of nonphagocytic NAD(P)H oxidases. 2002, 353, 220-33	39
1568	Redox aspects of vascular response to injury. 2002 , 352, 432-54	30
1567	Expression and cellular localization of classic NADPH oxidase subunits in the spontaneously hypertensive rat kidney. 2002 , 39, 269-74	312
1566	Changes in proinflammatory cytokine activity after menopause. 2002 , 23, 90-119	647
1565	Potential indications for angiotensin-converting enzyme inhibitors in atherosclerotic vascular disease. 2002 , 112, 126-34	43
1564	Vascular and cardiac benefits of angiotensin receptor blockers. 2002 , 113, 409-18	108

1563	Aldosterone-induced inflammation in the rat heart : role of oxidative stress. 2002, 161, 1773-81	511
1562	Nitric oxide donors and cardiovascular agents modulating the bioactivity of nitric oxide: an overview. 2002 , 90, 21-8	375
1561	TNFalpha activates c-Jun amino terminal kinase through p47(phox). 2002 , 272, 62-74	61
1560	Time course of NADH oxidase, inducible nitric oxide synthase and peroxynitrite in diabetic retinopathy in the BBZ/WOR rat. 2002 , 6, 295-304	67
1559	Beyond blood pressure: the endothelium and atherosclerosis progression. 2002 , 15, 115S-122S	120
1558	The effect of supplemental L-arginine on tolerance development during continuous transdermal nitroglycerin therapy. 2002 , 39, 1199-203	53
1557	Production of 8-epi prostaglandin F(2alpha) in human platelets during administration of organic nitrates. 2002 , 40, 820-5	12
1556	Ramipril administration to atherosclerotic mice reduces oxidized low-density lipoprotein uptake by their macrophages and blocks the progression of atherosclerosis. 2002 , 161, 65-74	39
1555	Dietary antioxidants preserve endothelium dependent vasorelaxation in overfed rats. 2002, 161, 327-33	19
1554	Subtle acquired renal injury as a mechanism of salt-sensitive hypertension. 2002 , 346, 913-23	362
1553	Effects of antihypertensive drugs on endothelial dysfunction: clinical implications. 2002, 62, 265-84	131
1552	Quinapril: a further update of its pharmacology and therapeutic use in cardiovascular disorders. 2002 , 62, 339-85	13
1551	Papel de la agiotensina II en el desarrollo aterosclertico: efecto de su bloqueo. 2002 , 19, 311-320	
1550	Detection of superoxide in vascular tissue. 2002 , 22, 1761-8	232
1549	Increased oxidative stress and platelet activation in patients with hypertension and renovascular disease. 2002 , 106, 2800-5	180
1548	T-786C polymorphism in endothelial NO synthase gene affects cerebral circulation in smokers: possible gene-environmental interaction. 2002 , 22, 605-10	42
1547	Cellular mechanisms for the treatment of chronic heart failure: the nitric oxide- and adenosine-dependent pathways. 2002 , 7, 99-110	5
1546	Capillary electrophoresis and circular dichroism study of trichosanthin and its mutants. 2002, 57, 467-473	5

1545	Fluctuation of serum NO(x) concentration at stroke onset in a rat spontaneous stroke model (M-SHRSP). Peroxynitrite formation in brain lesions. 2002 , 949, 147-56	18
1544	Selective angiotensin II type 1 receptor blockade ameliorates cyclosporine nephrotoxicity. 2002 , 45, 413-20	32
1543	A new inorganic vasodilator, trans-[Ru(NO)(NH(3))(4)(POEt)(3)](PF(6))(3): hypotensive effect of endothelium-dependent and -independent vasodilators in different hypertensive animals models. 2002 , 7, 50-6	44
1542	Is atherosclerotic vascular disease related to a high-fat diet?. 2002 , 55, 1064-72; discussion 1073-4	6
1541	Mechanisms of action of nitric oxide in the brain stem: role of oxidative stress. 2002 , 98, 24-7	46
1540	Activation of bradykinin B1 receptor by ACE inhibitors. 2002 , 2, 1787-93	39
1539	Chronic renal ischemia: pathophysiologic mechanisms of cardiovascular and renal disease. 2002 , 13, 1085-92	19
1538	Chronic renal ischemia: implications for cardiovascular disease risk. 2002 , 13, 1187-98	15
1537	Angiotensin II induces a rapid and transient increase of reactive oxygen species. 2002, 4, 869-75	20
1536	Contribution of nitric oxide, angiotensin II and superoxide dismutase to exercise-induced attenuation of blood pressure elevation in spontaneously hypertensive rats. 2002 , 43, 25-34	17
1535	Impaired pulmonary artery contractile responses in a rat model of microgravity: role of nitric oxide. 2002 , 92, 33-40	16
1534	Nitric oxide-independent effects of tempol on sympathetic nerve activity and blood pressure in DOCA-salt rats. 2002 , 283, H885-92	44
1533	Role of superoxide anion in regulating pressor and vascular hypertrophic response to angiotensin II. 2002 , 282, H1697-702	76
1532	Antioxidant therapy for atherosclerotic vascular disease: the promise and the pitfalls. 2002 , 282, H797-802	22
1531	Changes in NOS activity and protein expression during acute and prolonged ANG II administration. 2002 , 282, R31-7	34
1530	Production of superoxide through NADH oxidase in thick ascending limb of Henle's loop in rat kidney. 2002 , 282, F1111-9	116
1529	The effects of losartan and enalapril therapies on the levels of nitric oxide, malondialdehyde, and glutathione in patients with essential hypertension. 2002 , 52, 435-40	20
1528	Effects of cilazapril on endothelial function and pulmonary hypertension in patients with congestive heart failure. 2002 , 43, 667-74	8

1527	Angiotensin II-Induced Mesangial Cell Apoptosis: Role of Oxidative Stress. 2002 , 8, 830-840	71
1526	Pathophysiology of plaque instability: insights at the genomic level. 2002 , 44, 323-38	9
1525	Quinaprilat during cardioplegic arrest in the rabbit to prevent ischemia-reperfusion injury. 2002 , 124, 352-60	18
1524	The role of the renin-angiotensin system in the development of cardiovascular disease. 2002 , 89, 3A-9A; discussion 10A	366
1523	Effects of eprosartan versus hydrochlorothiazide on markers of vascular oxidation and inflammation and blood pressure (renin-angiotensin system antagonists, oxidation, and inflammation). 2002 , 89, 686-90	54
1522	Effects of aging and AT-1 receptor blockade on NO synthase expression and renal function in SHR. 2002 , 1592, 153-61	24
1521	Antioxidants inhibit endothelin-1 (1-31)-induced proliferation of vascular smooth muscle cells via the inhibition of mitogen-activated protein (MAP) kinase and activator protein-1 (AP-1). 2002 , 64, 1521-31	58
1520	Free radicals in heart failure: therapeutic targets for old and new drugs. 2002 , 8, 129-30	6
1519	Oxidative stress and endothelial dysfunction in heart failure. 2002 , 8, 165-72	44
1518	The nitric oxide pathway and oxidative stress in heart failure. 2002 , 8, 142-7, 155	18
1517	Reactive oxygen species, mitochondria, and NAD(P)H oxidases in the development and progression of heart failure. 2002 , 8, 132-40	300
1517 1516		300
	of heart failure. 2002 , 8, 132-40 Hemodynamic effects of metalloporphyrin catalytic antioxidants: structure-activity relationships	
1516	of heart failure. 2002 , 8, 132-40 Hemodynamic effects of metalloporphyrin catalytic antioxidants: structure-activity relationships and species specificity. 2002 , 33, 1657-69 Endothelial dysfunction in human diabetes. 2002 , 2, 26-36	25
1516 1515	of heart failure. 2002 , 8, 132-40 Hemodynamic effects of metalloporphyrin catalytic antioxidants: structure-activity relationships and species specificity. 2002 , 33, 1657-69 Endothelial dysfunction in human diabetes. 2002 , 2, 26-36	25 34
1516 1515 1514	of heart failure. 2002, 8, 132-40 Hemodynamic effects of metalloporphyrin catalytic antioxidants: structure-activity relationships and species specificity. 2002, 33, 1657-69 Endothelial dysfunction in human diabetes. 2002, 2, 26-36 Stress oxydant, fonctions vasculaires et athflosclflose. 2002, 16, 260-267	25 34 5
1516 1515 1514 1513	Hemodynamic effects of metalloporphyrin catalytic antioxidants: structure-activity relationships and species specificity. 2002, 33, 1657-69 Endothelial dysfunction in human diabetes. 2002, 2, 26-36 Stress oxydant, fonctions vasculaires et athfosclfose. 2002, 16, 260-267 Insulin resistance, a new target for nitric oxide-delivery drugs. 2002, 16, 441-53 Oxidative stress and nitric oxide synthase in rat diabetic nephropathy: effects of ACEI and ARB.	2534535

(2003-2002)

1509	2002 , 29, 26-31	4
1508	Obesity, atherosclerosis and the vascular endothelium: mechanisms of reduced nitric oxide bioavailability in obese humans. 2002 , 26, 754-64	175
1507	Lack of critical involvement of endothelial nitric oxide synthase in vascular nitrate tolerance in mice. 2002 , 135, 299-302	29
1506	Angiotensin receptor antagonist losartan improves endothelial function of epicardial coronary arteries in patients with essential hypertension. 2002 , 25, 422-8	4
1505	Angiotensin II and nitric oxide interaction. 2002 , 7, 347-58	58
1504	Peripheral limitations of maximal aerobic capacity in patients with chronic heart failure. 2002 , 9, 215-25	22
1503	Effects of angiotensin converting enzyme inhibitors on thrombotic mediators: potential clinical implications. 2003 , 15, 217-25	7
1502	Cell death and diabetic cardiomyopathy. 2003 , 3, 219-28	143
1501	Nitric oxide, atherosclerosis and the clinical relevance of endothelial dysfunction. 2003, 8, 71-86	112
1500	Protein kinase C-dependent increase in reactive oxygen species (ROS) production in vascular tissues of diabetes: role of vascular NAD(P)H oxidase. 2003 , 14, S227-32	329
1499	Increased expression of NAD(P)H oxidase subunits, NOX4 and p22phox, in the kidney of streptozotocin-induced diabetic rats and its reversibity by interventive insulin treatment. 2003 , 46, 1428-37	223
1498	Tert-butyl hydroperoxide-mediated vascular responses in DOCA-salt hypertensive rats. 2003, 40, 51-7	8
1497	Acute angiotensin II increases plasma F2-isoprostanes in salt-replete human hypertensives. 2003 , 35, 711-8	18
1496	Effects of angiotensin II on vascular endothelial cells: formation of receptor-mediated reactive nitrogen species. 2003 , 65, 1189-97	34
1495	Role of oxidative stress in atherosclerosis. 2003 , 91, 7A-11A	931
1494	The ongoing telmisartan alone and in combination with ramipril global endpoint trial program. 2003 , 91, 28G-34G	40
1493	Cardiovascular and renal effects of cyclooxygenase inhibition in transgenic rats harboring mouse renin-2 gene (TGR[mREN2]27). 2003 , 461, 159-69	8
1492	Angiotensin II activates NADPH oxidase in isolated rat hearts subjected to ischaemia-reperfusion. 2003 , 462, 145-54	41

1491	Cerebral vascular effects of reactive oxygen species: recent evidence for a role of NADPH-oxidase. 2003 , 30, 855-9	45
1490	Neurocardiovascular regulation in mice: experimental approaches and novel findings. 2003 , 30, 885-93	8
1489	Oxidative stress and dysregulation of superoxide dismutase and NADPH oxidase in renal insufficiency. 2003 , 63, 179-85	234
1488	Superoxide dismutase, catalase, glutathione peroxidase and NADPH oxidase in lead-induced hypertension. 2003 , 63, 186-94	107
1487	Apoptosis and NFkappaB activation are simultaneously induced in renal tubulointerstitium in experimental hypertension. 2003 , S27-32	18
1486	Pathophysiological implications of insulin resistance on vascular endothelial function. 2003 , 20, 255-68	198
1485	The renin-angiotensin system and the long-term complications of diabetes: pathophysiological and therapeutic considerations. 2003 , 20, 607-21	60
1484	Possible involvement of the adipose tissue renin-angiotensin system in the pathophysiology of obesity and obesity-related disorders. 2003 , 4, 43-55	147
1483	NOS 3 subcellular localization in the regulation of nitric oxide production. 2003 , 179, 115-22	13
1482	Nitrate tolerance and the links with endothelial dysfunction and oxidative stress. 2003 , 56, 620-8	18
1481	Mechanisms of nitrate tolerance: potential roles of folate. 2003 , 33, 933-40	6
1480	Semicarbazide-sensitive amine oxidase: role in the vasculature and vasodilation after in situ inhibition. 2003 , 23, 275-83	8
1479	Normalization of endothelial and inducible nitric oxide synthase expression in brain microvessels of spontaneously hypertensive rats by angiotensin II AT1 receptor inhibition. 2003 , 23, 371-80	114
1478	Renal Ischemia as a Predictor of Cardiovascular Morbidity. 2003 , 14, P159-P164	
1477	Endothelial control of vasomotion and nitric oxide production. 2003 , 21, 289-302	50
1476	Nitric oxide and oxidative stress in atherosclerotic renovascular hypertension: effect of endovascular treatment. 2003 , 14, 887-92	16
1475	Hyperhomocysteinemia induces renal hemodynamic dysfunction: is nitric oxide involved?. 2003 , 14, 653-60	31
1474	Homocysteine and essential hypertension. 2003 , 43, 1299-306	56

1473	Nitric oxide-releasing drugs. 2003 , 43, 97-123		178
1472	Effect of chelation therapy on endothelial function in patients with coronary artery disease: PATCH substudy. 2003 , 41, 420-5		27
1471	Angiotensin-converting enzyme inhibition but not angiotensin II type 1 receptor antagonism augments coronary release of tissue plasminogen activator in hypertensive patients. 2003 , 41, 1373-9		30
1470	Increased myocardial NADPH oxidase activity in human heart failure. 2003, 41, 2164-71		472
1469	The failing human heart: another battlefield for the NAD(P)H oxidase?. 2003, 41, 2172-4		8
1468	Functional interplay between angiotensin II and nitric oxide: cyclic GMP as a key mediator. 2003 , 23, 26-2	36	136
1467	Interaction of oxidative stress and inflammatory response in coronary plaque instability: important role of C-reactive protein. 2003 , 23, 1398-404		196
1466	Oxidative stress and cardiovascular injury: Part I: basic mechanisms and in vivo monitoring of ROS. 2003 , 108, 1912-6		715
1465	Endothelin-1 increases vascular superoxide via endothelin(A)-NADPH oxidase pathway in low-renin hypertension. 2003 , 107, 1053-8		283
1464	Effect of losartan on the blood-brain barrier permeability in diabetic hypertensive rats. <i>Life Sciences</i> , 2003 , 73, 3235-44	6.8	41
1463	Endothelial dysfunction: clinical strategies for treating oxidant stress. 2003 , 146, 218-26		64
1462	Selective Attenuation of Enhanced Angiotensin II Mediated Responses in the Streptozotocin Diabetic Rat Thoracic Aorta by Tempol. 2003 , 327-337		2
1461	ADMA and oxidative stress. 2003, 4, 41-51		305
1460	The vascular NAD(P)H oxidases as therapeutic targets in cardiovascular diseases. 2003, 24, 471-8		583
1459	Preliminary characterisation of the promoter of the human p22(phox) gene: identification of a new polymorphism associated with hypertension. 2003 , 542, 27-31		73
1458	NAD(P)H oxidase participates in the signaling events in high glucose-induced proliferation of vascular smooth muscle cells. <i>Life Sciences</i> , 2003 , 72, 2719-30	6.8	39
1457	Effect of the NAD(P)H oxidase inhibitor, apocynin, on peripheral nerve perfusion and function in diabetic rats. <i>Life Sciences</i> , 2003 , 73, 1813-24	6.8	93
1456	Effect of combination therapy with dipyridamole and quinapril in diabetic nephropathy. 2003 , 59, 83-92		14

1455	Enhanced vascular production of superoxide in OLETF rat after the onset of hyperglycemia. 2003 , 60, 11-8	13
1454	Oxidative stress, NO* and smooth muscle cell extracellular superoxide dismutase expression. 2003 , 1619, 1-8	16
1453	Lessons from the adrenomedullin knockout mouse. 2003 , 112, 185-8	15
1452	Reactive oxygen species in vascular biology: role in arterial hypertension. 2003 , 1, 91-106	117
1451	Oxidative stress and cardiovascular injury: Part II: animal and human studies. 2003, 108, 2034-40	631
1450	Obstructive sleep apnoea syndromean oxidative stress disorder. 2003 , 7, 35-51	746
1449	Physiology and pathophysiology of vascular signaling controlled by guanosine 3',5'-cyclic monophosphate-dependent protein kinase [corrected]. 2003 , 108, 2172-83	267
1448	Ramipril improves nitric oxide availability in hypertensive rats with failing hearts after myocardial infarction. 2003 , 4, 180-5	7
1447	Celiprolol activates eNOS through the PI3K-Akt pathway and inhibits VCAM-1 Via NF-kappaB induced by oxidative stress. 2003 , 42, 1004-13	75
1446	Long-term inhibition of Rho-kinase suppresses angiotensin II-induced cardiovascular hypertrophy in rats in vivo: effect on endothelial NAD(P)H oxidase system. 2003 , 93, 767-75	375
1445	Attenuated responses to angiotensin II in follitropin receptor knockout mice, a model of menopause-associated hypertension. 2003 , 42, 761-7	25
1444	Beneficial effects of antioxidant vitamins on the stenotic kidney. 2003 , 42, 605-12	59
1443	Anti-inflammatory effects of angiotensin II AT1 receptor antagonism prevent stress-induced gastric injury. 2003 , 285, G414-23	96
1442	Association of the p22phox component of NAD(P)H oxidase with susceptibility to diabetic nephropathy in patients with type 1 diabetes. 2003 , 26, 3111-5	28
1441	High pressure induces superoxide production in isolated arteries via protein kinase C-dependent activation of NAD(P)H oxidase. 2003 , 108, 1253-8	178
1440	Effects of eplerenone, enalapril, and eplerenone/enalapril in patients with essential hypertension and left ventricular hypertrophy: the 4E-left ventricular hypertrophy study. 2003 , 108, 1831-8	518
1439	Mechanism of endothelial cell NADPH oxidase activation by angiotensin II. Role of the p47phox subunit. 2003 , 278, 12094-100	230
1438	Reactive oxygen species sensitivity of angiotensin II-dependent translation initiation in vascular smooth muscle cells. 2003 , 278, 36973-9	27

(2003-2003)

1437	II-infused rat kidney. 2003 , 285, H1396-403	77
1436	Aged spontaneously hypertensive rats exhibit a selective loss of EDHF-mediated relaxation in the renal artery. 2003 , 42, 562-8	71
1435	Rapid-onset endothelial dysfunction with adriamycin: evidence for a dysfunctional nitric oxide synthase. 2003 , 8, 101-7	59
1434	Salt intake, oxidative stress, and renal expression of NADPH oxidase and superoxide dismutase. 2003 , 14, 2775-82	247
1433	Interaction of myeloperoxidase with vascular NAD(P)H oxidase-derived reactive oxygen species in vasculature: implications for vascular diseases. 2003 , 285, H2563-72	63
1432	NADPH oxidase in endothelial cells: impact on atherosclerosis. 2003 , 5, 171-80	75
1431	Endothelin-1 in atherosclerosis and other vasculopathies. 2003 , 81, 578-87	39
1430	DASH diet lowers blood pressure and lipid-induced oxidative stress in obesity. 2003 , 41, 422-30	170
1429	Induction of heme oxygenase-1 in monocytes suppresses angiotensin II-elicited chemotactic activity through inhibition of CCR2: role of bilirubin and carbon monoxide generated by the enzyme. 2003 , 5, 439-47	32
1428	Characterization of an animal model of postmenopausal hypertension in spontaneously hypertensive rats. 2003 , 41, 640-5	121
1427	Coronary microvascular endothelial stunning after acute pressure overload in the conscious dog is caused by oxidant processes: the role of angiotensin II type 1 receptor and NAD(P)H oxidase. 2003 , 108, 2934-40	39
1426	Role of oxidative stress in endothelial dysfunction and enhanced responses to angiotensin II of afferent arterioles from rabbits infused with angiotensin II. 2003 , 14, 2783-9	82
1425	Intermittent high glucose enhances apoptosis related to oxidative stress in human umbilical vein endothelial cells: the role of protein kinase C and NAD(P)H-oxidase activation. 2003 , 52, 2795-804	594
1424	GIT1 mediates Src-dependent activation of phospholipase Cgamma by angiotensin II and epidermal growth factor. 2003 , 278, 49936-44	75
1423	Attenuation of nitrate tolerance and oxidative stress by an angiotensin II receptor blocker in patients with coronary spastic angina. 2003 , 108, 1446-50	52
1422	Extracellular superoxide dismutase is a major determinant of nitric oxide bioavailability: in vivo and ex vivo evidence from ecSOD-deficient mice. 2003 , 93, 622-9	203
1421	Contributions of 20-HETE to the antihypertensive effects of Tempol in Dahl salt-sensitive rats. 2003 , 41, 697-702	72
1420	ETA receptor blockade decreases vascular superoxide generation in DOCA-salt hypertension. 2003 , 42, 811-7	120

1419	Functional consequences of endothelial nitric oxide synthase uncoupling in congestive cardiac failure. 2003 , 107, 1725-8	81
1418	Mechanisms of oxidative stress and vascular dysfunction. 2003 , 79, 195-199; quiz 198-200	119
1417	NAD(P)H oxidase mediates angiotensin II-induced vascular macrophage infiltration and medial hypertrophy. 2003 , 23, 776-82	158
1416	Role of superoxide in modulating the renal effects of angiotensin II. 2003 , 42, 1150-6	73
1415	Angiotensin II produces superoxide-mediated impairment of endothelial function in cerebral arterioles. 2003 , 34, 2038-42	67
1414	Enalapril prevents impaired nitric oxide synthase-dependent dilatation of cerebral arterioles in diabetic rats. 2003 , 34, 2698-703	31
1413	Role of oxidative stress in angiotensin-induced hypertension. 2003 , 284, R893-912	151
1412	Interactions of angiotensin II with NAD(P)H oxidase, oxidant stress and cardiovascular disease. 2003 , 4, 51-61	175
1411	Association of NAD(P)H oxidase p22 phox gene variation with advanced carotid atherosclerosis in Japanese type 2 diabetes. 2003 , 26, 458-63	56
1410	Exercise training regulates SOD-1 and oxidative stress in porcine aortic endothelium. 2003, 284, H1378-87	118
1409	Vascular NAD(P)H oxidases: specific features, expression, and regulation. 2003, 285, R277-97	75°
1408	Angiotensin II AT2 receptor subtype: an uprising frontier in cardiovascular disease?. 2003 , 21, 1429-43	77
1407	Superoxide does not mediate the acute vasoconstrictor effects of angiotensin II: a study in human and porcine arteries. 2003 , 21, 2335-44	26
1406	Effect of eplerenone, a selective aldosterone blocker, on blood pressure, serum and macrophage oxidative stress, and atherosclerosis in apolipoprotein E-deficient mice. 2003 , 41, 955-63	110
1405	Diabetes mellitus and endothelial dysfunction: a central role for oxidative stress. 2003 , 10, 237-244	3
1404	Proinflammatory effects of oxidative stress in chronic kidney disease: role of additional angiotensin II blockade. 2003 , 284, F863-9	90
1403	Estrogen reduces angiotensin II-induced nitric oxide synthase and NAD(P)H oxidase expression in endothelial cells. 2003 , 23, 38-44	90
1402	Blood pressure lowering and renin-angiotensin system blockade. 2003 , 21, S3-7	24

1401 The world of endothelin in the brain of the stroke-prone spontaneously hypertensive rat. 2003, 21, 23-5 2 1400 Anti-atherosclerotic effects by AT1 receptor blockade. 2003, 21, 259-60 NAD(P)H oxidase activation by angiotensin II is dependent on p42/44 ERK-MAPK pathway 52 1399 activation in rat's vascular smooth muscle cells. 2003, 21, 927-36 Implications of oxidative stress and homocysteine in the pathophysiology of essential 1398 58 hypertension. **2003**, 42, 453-61 Adrenomedullin gene delivery attenuates myocardial infarction and apoptosis after ischemia and 1397 102 reperfusion. 2003, 285, H1506-14 Effects of ANG II type 1 and 2 receptors on oxidative stress, renal NADPH oxidase, and SOD 1396 255 expression. 2003, 285, R117-24 Heme oxygenase-1 gene expression attenuates angiotensin II-mediated DNA damage in 40 1395 endothelial cells. 2003, 228, 576-83 Rac regulates cardiovascular superoxide through diverse molecular interactions: more than a binary 101 1394 GTP switch. 2003, 285, C723-34 Vitamin C improves attenuated angiotensin II-induced endothelium-dependent vasodilation in 28 1393 human forearm vessels. 2003, 26, 953-9 Role of oxidative stress and heme oxygenase activity in morphine-induced glomerular epithelial cell 36 1392 growth. 2003, 285, F861-9 Candesartan reduces oxidative stress and inflammation in patients with essential hypertension. 1391 87 2003, 26, 691-7 High-salt diet impairs vascular relaxation mechanisms in rat middle cerebral arteries. 2003, 284, H1124-33 55 Effect of AT1 receptor blockade on hepatic redox status in SHR: possible relevance for endothelial 1389 32 function?. 2003, 285, R674-81 1388 Olmesartan improves endothelin-induced hypertension and oxidative stress in rats. 2004, 27, 493-500 41 1387 Angiotensin II and Nitric Oxide Interaction. 2004, 137-148 1 1386 Endothelial dysfunction and insulin resistance. **2004**, 2, 129-36 Decreased neointimal formation in Nox2-deficient mice reveals a direct role for NADPH oxidase in 66 1385 the response to arterial injury. 2004, 101, 13014-9 1384 Endothelial function and oxidative stress. 2004, 11, 123-32 119

1383	Renin-angiotensin system and angiotensin receptor blockers in the metabolic syndrome. 2004 , 110, 1507-12	149
1382	Comparison of acute and chronic antioxidant interventions in experimental renovascular disease. 2004 , 286, F1079-86	68
1381	Aldosterone and cardiovascular remodelling: focus on myocardial failure. 2004 , 5, 3-13	12
1380	Primed polymorphonuclear leukocytes, oxidative stress, and inflammation antecede hypertension in the Sabra rat. 2004 , 44, 764-9	30
1379	Novel mechanisms responsible for postmenopausal hypertension. 2004 , 43, 918-23	162
1378	SOXF: redox mediators of vascular smooth muscle cell growth. 2004 , 90, 488-90	9
1377	Extracellular superoxide enhances 5-HT-induced murine pulmonary artery vasoconstriction. 2004 , 287, L111-8	49
1376	AMP-activated protein kinase inhibits angiotensin II-stimulated vascular smooth muscle cell proliferation. 2004 , 110, 444-51	181
1375	Assessment of renal functional phenotype in mice lacking gp91PHOX subunit of NAD(P)H oxidase. 2004 , 43, 335-40	55
1374	Oxidative stress and hypoxia: implications for plasminogen activator inhibitor-1 expression. 2004 , 6, 777-91	39
1373	Catecholamine-induced vascular wall growth is dependent on generation of reactive oxygen species. 2004 , 94, 37-45	137
1372	Nitric Oxide, Atherosclerosis and the Clinical Relevance of Endothelial Dysfunction. 2004 , 55-70	
1371	Functional effect of the p22phox -930A/G polymorphism on p22phox expression and NADPH oxidase activity in hypertension. 2004 , 44, 163-9	80
1370	Activation of Rho/Rho kinase signaling pathway by reactive oxygen species in rat aorta. 2004 , 287, H1495-500	200
1369	Reactive oxygen species-mediated signal transduction in the endothelium. 2004 , 11, 109-21	70
1368	gp91phox-containing NADPH oxidase mediates endothelial dysfunction in renovascular hypertension. 2004 , 109, 1795-801	226
1367	Regulation of endogenous reactive oxygen species in platelets can reverse aggregation. 2004 , 24, 187-92	47
1366	Nitric oxide attenuates insulin- or IGF-I-stimulated aortic smooth muscle cell motility by decreasing H2O2 levels: essential role of cGMP. 2004 , 286, H2103-12	23

(2004-2004)

1365	Angiotensinogen promoter B-haplotype associated with cerebral small vessel disease enhances basal transcriptional activity. 2004 , 35, 2592-7	23
1364	Monocyte chemoattractant protein-1 is an essential inflammatory mediator in angiotensin II-induced progression of established atherosclerosis in hypercholesterolemic mice. 2004 , 24, 534-9	91
1363	Evidence for a causal role of the renin-angiotensin system in vascular dysfunction associated with insulin resistance. 2004 , 43, 255-62	154
1362	Hypertension caused by angiotensin II infusion involves increased superoxide production in the central nervous system. 2004 , 95, 210-6	371
1361	Reactive oxygen species produced by NAD(P)H oxidase inhibit apoptosis in pancreatic cancer cells. 2004 , 279, 34643-54	290
1360	Tempol attenuates excitatory actions of angiotensin II in the rostral ventrolateral medulla during emotional stress. 2004 , 44, 101-6	53
1359	Prostaglandin I2 does not contribute to the hypotensive effect of the superoxide dismutase mimetic Tempo in rats with aortic coarctation-induced hypertension. 2004 , 26, 191-8	O
1358	Oxidative stress in hypertension. 2004 , 26, 593-601	145
1357	Opposing roles of p47phox in basal versus angiotensin II-stimulated alterations in vascular O2-production, vascular tone, and mitogen-activated protein kinase activation. 2004 , 109, 1307-13	96
1356	Angiotensin II-induced vascular dysfunction is mediated by the AT1A receptor in mice. 2004 , 43, 1074-9	73
1355	Neuroendocrine transcriptome in genetic hypertension: multiple changes in diverse adrenal physiological systems. 2004 , 43, 1301-11	35
1354	Amelioration of cyclosporine nephrotoxicity by irbesartan, A selective AT1 receptor antagonist. 2004 , 26, 467-77	10
1353	Endothelial dysfunction in congestive heart failure: ACE inhibition vs. angiotensin II antagonism. 2004 , 6, 151-9	29
1352	Heat shock treatment suppresses angiotensin II-induced activation of NF-kappaB pathway and heart inflammation: a role for IKK depletion by heat shock?. 2004 , 287, H1104-14	66
1351	Important role for Rac1 in regulating reactive oxygen species generation and pulmonary arterial smooth muscle cell growth. 2004 , 287, L1314-22	31
1350	Gender differences in myogenic tone in superoxide dismutase knockout mouse: animal model of oxidative stress. 2004 , 287, H40-5	29
1349	Oxidative stress, renal infiltration of immune cells, and salt-sensitive hypertension: all for one and one for all. 2004 , 286, F606-16	199
1348	Tonic levels of angiotensin II reduce tonic levels of vascular nitric oxide even in salt-replete man. 2004 , 5, 84-8	2

1347	Cyclophilin A is a proinflammatory cytokine that activates endothelial cells. 2004 , 24, 1186-91	185
1346	The role of the endothelium in the control of vascular function. 2004 , 58, 173-83	18
1345	Real-time observation of glomerular hemodynamic changes in diabetic rats: effects of insulin and ARB. 2004 , 66, 1939-48	37
1344	Vascular relaxation response to hydrogen peroxide is impaired in hypertension. 2004 , 142, 143-9	17
1343	Redox regulation of angiotensin II signaling in the heart. 2004 , 8, 144-52	60
1342	Aspirin rectifies calcium homeostasis, decreases reactive oxygen species, and increases NO production in high glucose-exposed human endothelial cells. 2004 , 18, 289-99	21
1341	Exercise and endothelial function: role of endothelium-derived nitric oxide and oxidative stress in healthy subjects and hypertensive patients. 2004 , 102, 87-96	154
1340	NAD(P)H oxidase associated superoxide production in human placenta from normotensive and pre-eclamptic women. 2004 , 25 Suppl A, S85-9	47
1339	Study on the expression of angiotensin II (ANG II) receptor subtype 1 (AT1R) in the placenta of pregnancy-induced hypertension. 2004 , 25, 637-41	19
1338	Endothelial dysfunction and increased carotid intima-media thickness in patients with autosomal dominant polycystic kidney disease. 2004 , 43, 854-60	83
1337	Angiotensin II stimulates superoxide production via both angiotensin AT1A and AT1B receptors in mouse aorta and heart. 2004 , 485, 243-9	26
1336	Nitric oxide, an iceberg in cardiovascular physiology: far beyond vessel tone control. 2004 , 35, 1-11	38
1335	Measurement of NAD(P)H oxidase-derived superoxide with the luminol analogue L-012. 2004 , 36, 101-11	144
1334	Evidence for contribution of vascular NAD(P)H oxidase to increased oxidative stress in animal models of diabetes and obesity. 2004 , 37, 115-23	144
1333	Functional association of nox1 with p22phox in vascular smooth muscle cells. 2004 , 37, 1542-9	68
1332	The stroke-prone spontaneously hypertensive rat: how good is it as a model for cerebrovascular diseases?. 2004 , 24, 639-46	34
1331	Renin-angiotensin blockade attenuates cardiac myofibrillar remodelling in chronic diabetes. Molecular and Cellular Biochemistry, 2004 , 261, 271-8 4-2	28
1330	Effect of angiotensin II on energetics, glucose metabolism and cytosolic NADH/NAD and NADPH/NADP redox in vascular smooth muscle. <i>Molecular and Cellular Biochemistry</i> , 2004 , 262, 91-9	10

1329	Angiotensin II AT1 receptor blockade prevents gastric ulcers during cold-restraint stress. 2004 , 1018, 351-5	23
1328	Oxyradicals as a mechanism of angiotensin-induced hypertension. 2004 , 13, 59-66	7
1327	Reactive oxygen species in vascular biology: implications in hypertension. 2004 , 122, 339-52	482
1326	Role of p22phox in angiotensin II and platelet-derived growth factor AA induced activator protein 1 activation in vascular smooth muscle cells. 2004 , 82, 31-8	25
1325	Oxidative stress induces insulin resistance by activating the nuclear factor-kappa B pathway and disrupting normal subcellular distribution of phosphatidylinositol 3-kinase. 2004 , 47, 794-805	122
1324	Adrenomedullin in vascular diseases. 2004 , 6, 55-9	9
1323	Oxidative stress-associated vascular aging is independent of the protein kinase C/NAD(P)H oxidase pathway. 2004 , 38, 181-90	15
1322	Fluvastatin enhances the inhibitory effects of a selective AT1 receptor blocker, valsartan, on atherosclerosis. 2004 , 44, 758-63	72
1321	Nitric oxide, angiotensin II, and hypertension. 2004 , 24, 366-78	87
1320	Insulin and insulin resistance: impact on blood pressure and cardiovascular disease. 2004 , 88, 63-82	111
1319	Enhanced oxidative stress and impaired thioredoxin expression in spontaneously hypertensive rats. 2004 , 6, 89-97	129
1318	Reactive oxygen species in the cerebral circulation: physiological roles and therapeutic implications for hypertension and stroke. 2004 , 64, 2143-57	33
1317	Morphine-induced macrophage apoptosis: oxidative stress and strategies for modulation. 2004 , 75, 1131-8	63
1316	Evalution of oxidative stress in diabetic animals by in vivo electron spin resonance measurementrole of protein kinase C. 2004 , 66 Suppl 1, S109-13	4
1315	The oxidants hypochlorite and hydrogen peroxide induce distinct patterns of acute lung injury. 2004 , 1690, 258-64	26
1314	Effect of angiotensin-II on renal Na+/H+ exchanger-NHE3 and NHE2. 2004 , 1664, 38-44	42
1313	Effects of angiotensin II on NaPi-IIa co-transporter expression and activity in rat renal cortex. 2004 , 1667, 114-21	14
1312	NAD(P)H oxidase inhibitor prevents blood pressure elevation and cardiovascular hypertrophy in aldosterone-infused rats. 2004 , 313, 812-7	119

1311	Heme oxygenase-1 prevents superoxide anion-associated endothelial cell sloughing in diabetic rats. 2004 , 315, 509-16	67
1310	Chronic high pressure-induced arterial oxidative stress: involvement of protein kinase C-dependent NAD(P)H oxidase and local renin-angiotensin system. 2004 , 165, 219-26	106
1309	Oxidative stress, nitric oxide production, and renal sodium handling in leptin-induced hypertension. Life Sciences, 2004 , 74, 2987-3000	78
1308	Physiology, genetics, and cardiovascular disease: focus on African Americans. 2004 , 6, 11-8	17
1307	Superoxide: a key player in hypertension. 2004 , 18, 94-101	82
1306	Role of oxidative modifications in atherosclerosis. 2004 , 84, 1381-478	1918
1305	In vivo administration of D-arginine: effects on blood pressure and vascular function in angiotensin II-induced hypertensive rats. 2004 , 176, 219-25	6
1304	Involvement of reactive oxygen species in angiotensin II-induced vasoconstriction. 2004, 43, 154-9	16
1303	Omapatrilat decreased macrophage oxidative status and atherosclerosis progression in atherosclerotic apolipoprotein E-deficient mice. 2004 , 43, 140-7	13
1302	Prevention of angiotensin II-induced hypertension, cardiovascular hypertrophy and oxidative stress by acetylsalicylic acid in rats. 2004 , 22, 793-801	45
1301	Role of NAD(P)H oxidase on vascular alterations in angiotensin II-infused mice. 2004 , 22, 535-42	180
1300	Association of increased phagocytic NADPH oxidase-dependent superoxide production with diminished nitric oxide generation in essential hypertension. 2004 , 22, 2169-75	80
1299	Time-dependent transition of tempol-sensitive reduction of blood pressure in angiotensin II-induced hypertension. 2004 , 22, 2161-8	11
1298	Enhanced platelet release of superoxide anion in systemic hypertension: role of AT1 receptors. 2004 , 22, 1151-6	32
1297	Non-esterified fatty acids impair endothelium-dependent vasodilation in rat mesenteric resistance vessels. 2004 , 107, 625-9	20
1296	Contribution of vascular NAD(P)H oxidase to endothelial dysfunction in heart failure and the therapeutic effects of HMG-CoA reductase inhibitor. 2004 , 68, 1067-75	37
1295	Malfunction of vascular control in lifestyle-related diseases: mechanisms underlying endothelial dysfunction in the insulin-resistant state. 2004 , 96, 401-5	18
1294	Malfunction of vascular control in lifestyle-related diseases: oxidative stress of angiotensin II-induced hypertension: mitogen-activated protein kinases and blood pressure regulation. 2004 , 96, 406-10	18

(2005-2005)

1293	vascular dysfunction in insulin-resistant rats. 2005 , 46, 505-12	18
1292	Ageing as a determinant of renal and vascular disease: role of endothelial factors. 2005 , 20, 485-90	29
1291	Blockade of angiotensin II provides additional benefits in hypertension- and ageing-related cardiac and vascular dysfunctions beyond its blood pressure-lowering effects. 2005 , 23, 2219-27	23
1290	Angiotensin II as the link between nitric oxide and neuroadrenergic function. 2005 , 23, 935-7	14
1289	Vascular and renal effects of vasopeptidase inhibition and angiotensin-converting enzyme blockade in spontaneously diabetic Goto-Kakizaki rats. 2005 , 23, 1757-70	19
1288	Stimulation of NADPH oxidase by angiotensin II in human neutrophils is mediated by ERK, p38 MAP-kinase and cytosolic phospholipase A2. 2005 , 23, 1183-90	33
1287	Effects of angiotensin type-1 receptor antagonism on small artery function in patients with type 2 diabetes mellitus. 2005 , 45, 264-9	40
1286	Angiotensin II-induced over-activation of p47phox in fibroblasts from hypertensives: which role in the enhanced ERK1/2 responsiveness to angiotensin II?. 2005 , 23, 793-800	11
1285	Role of nitric oxide in modulating systemic pressor responses to different vasoconstrictors in man. 2005 , 23, 1009-15	12
1284	Endothelial function and dysfunction. Part II: Association with cardiovascular risk factors and diseases. A statement by the Working Group on Endothelins and Endothelial Factors of the European Society of Hypertension. 2005 , 23, 233-46	529
1283	Vascular but not cardiac remodeling is associated with superoxide production in angiotensin II hypertension. 2005 , 23, 1737-43	28
1282	Antihypertensive potential and mechanism of action of astaxanthin: II. Vascular reactivity and hemorheology in spontaneously hypertensive rats. 2005 , 28, 967-71	31
1281	Improved endothelium dependent vasodilation in endurance athletes and its relation with ACE I/D polymorphism. 2005 , 69, 1105-10	33
1280	[Cardiac oxidative stress: interaction between angiotensin and adrenaline receptors]. 2005, 126, 251-5	
1279	The scorching breath of angiotensin. 2005 , 23, 33-5	3
1278	Angiotensin II accelerates endothelial progenitor cell senescence through induction of oxidative stress. 2005 , 23, 97-104	203
1277	Inhibition of angiotensin-converting enzyme and phosphodiesterase type 5 improves endothelial function in heart failure. 2005 , 108, 331-8	39
1276	Adrenomedullin and its related peptide. 2005 , 52, 1-10	16

1275	Caffeic acid inhibits vascular smooth muscle cell proliferation induced by angiotensin II in stroke-prone spontaneously hypertensive rats. 2005 , 28, 369-77	48
1274	Pivotal role of gp91phox-containing NADH oxidase in lipopolysaccharide-induced tumor necrosis factor-alpha expression and myocardial depression. 2005 , 111, 1637-44	111
1273	High glucose stimulates hepatic stellate cells to proliferate and to produce collagen through free radical production and activation of mitogen-activated protein kinase. 2005 , 25, 1018-26	79
1272	The role of shear stress in the pathogenesis of atherosclerosis. 2005 , 85, 9-23	741
1271	The superoxide dismutase mimetic, tempol, reduces the bioavailability of nitric oxide and does not alter L-NAME-induced hypertension in rats. 2005 , 97, 29-34	16
1270	Protection against oxidative stress in diabetic rats: role of angiotensin AT(1) receptor and beta 1-adrenoceptor antagonism. 2005 , 520, 179-87	29
1269	Endothelin mediates superoxide production in angiotensin II-induced hypertension in rats. 2005 , 38, 589-96	45
1268	Statin attenuates high glucose-induced and diabetes-induced oxidative stress in vitro and in vivo evaluated by electron spin resonance measurement. 2005 , 39, 444-52	57
1267	Protective effects of angiotensin II interruption: evidence for antiinflammatory actions. 2005 , 25, 1213-29	72
1266	Clinical impact of vasomotor function assessment and the role of ACE-inhibitors and statins. 2005 , 42, 125-40	30
1265	The use of angiotensin-converting enzyme inhibitors in patients undergoing coronary artery bypass graft surgery. 2005 , 42, 119-23	10
1264	Decreased plasma levels of nitric oxide metabolites, angiotensin II, and aldosterone in spontaneously hypertensive rats exposed to 5 mT static magnetic field. 2005 , 26, 161-72	31
1263	Angiotensin-II-induced oxidative stress elicits hypoadiponectinaemia in rats. 2005 , 48, 1066-74	107
1262	High iron storage levels are associated with increased DNA oxidative injury in patients on regular hemodialysis. 2005 , 9, 158-63	21
1261	Do angiotensin II antagonists provide benefits beyond blood pressure reduction?. 2005 , 22, 117-36	5
1260	Molecular aspects of atherogenesis: new insights and unsolved questions. 2005 , 12, 839-53	48
1259	Metabolic syndrome and endothelial dysfunction. 2005 , 7, 88-95	67
1258	Rethinking the renin-angiotensin system and its role in cardiovascular regulation. 2005 , 19, 77-87	47

(2005-2005)

1257	Brain angiotensin II: new developments, unanswered questions and therapeutic opportunities. 2005 , 25, 485-512	228
1256	Angiotensin II-induced hypertrophy is potentiated in mice overexpressing p22phox in vascular smooth muscle. 2005 , 288, H37-42	85
1255	Role of the renin-angiotensin system in the pathogenesis of preeclampsia. 2005 , 288, F614-25	98
1254	N-acetylcysteine decreases angiotensin II receptor binding in vascular smooth muscle cells. 2005 , 16, 2346-53	35
1253	Sexual dimorphism in angiotensin II-induced hypertension and vascular alterations. 2005 , 83, 413-22	61
1252	Angiotensin-induced defects in renal oxygenation: role of oxidative stress. 2005 , 288, H22-8	124
1251	Glucose-6 phosphate dehydrogenase deficiency decreases the vascular response to angiotensin II. 2005 , 112, 257-63	76
1250	Superoxide scavenging attenuates renal responses to ANG II during nitric oxide synthase inhibition in anesthetized dogs. 2005 , 288, F412-9	37
1249	Extracellular matrix stimulates reactive oxygen species production and increases pancreatic cancer cell survival through 5-lipoxygenase and NADPH oxidase. 2005 , 289, G1137-47	103
1248	Essential role of protein kinase G and decreased cytoplasmic Ca2+ levels in NO-induced inhibition of rat aortic smooth muscle cell motility. 2005 , 288, H1859-66	13
1247	Testosterone supplementation in aging men and women: possible impact on cardiovascular-renal disease. 2005 , 289, F941-8	69
1246	Salt-sensitive hypertension develops after transient induction of ANG II-dependent hypertension in Cyp1a1-Ren2 transgenic rats. 2005 , 288, F810-5	22
1245	Endothelium in Hypertension: Nitric Oxide. 2005 , 146-158	1
1244	Abrogation of oxidative stress improves insulin sensitivity in the Ren-2 rat model of tissue angiotensin II overexpression. 2005 , 288, E353-9	138
1243	gp91phox-containing NAD(P)H oxidase mediates attenuation of nitric oxide-dependent control of myocardial oxygen consumption by ANG II. 2005 , 289, H862-7	7
1242	The hyperbilirubinemic Gunn rat is resistant to the pressor effects of angiotensin II. 2005 , 288, F552-8	72
1241	Impaired insulin-induced vasodilation in small coronary arteries of Zucker obese rats is mediated by reactive oxygen species. 2005 , 288, H854-60	78
1240	Th1 inflammatory response with altered expression of profibrotic and vasoactive mediators in AT1A and AT1B double-knockout mice. 2005 , 289, F902-10	20

1239	Angiotensin receptor blockers: therapeutic targets and cardiovascular protection. 2005 , 14, 196-209	59
1238	Antioxidative and antihypertensive effects of Welsh onion on rats fed with a high-fat high-sucrose diet. 2005 , 69, 1311-7	39
1237	Antioxidant mechanism of heme oxygenase-1 involves an increase in superoxide dismutase and catalase in experimental diabetes. 2005 , 289, H701-7	197
1236	Low-renin hypertension with relative aldosterone excess is associated with impaired NO-mediated vasodilation. 2005 , 46, 707-13	43
1235	Increased aortic NADPH oxidase activity in rats with genetically high angiotensin-converting enzyme levels. 2005 , 46, 1362-7	32
1234	Probucol protects against hypochlorite-induced endothelial dysfunction: identification of a novel pathway of probucol oxidation to a biologically active intermediate. 2005 , 280, 15612-8	34
1233	Reduced vascular remodeling, endothelial dysfunction, and oxidative stress in resistance arteries of angiotensin II-infused macrophage colony-stimulating factor-deficient mice: evidence for a role in inflammation in angiotensin-induced vascular injury. 2005 , 25, 2106-13	240
1232	Simvastatin therapy normalizes sympathetic neural control in experimental heart failure: roles of angiotensin II type 1 receptors and NAD(P)H oxidase. 2005 , 112, 1763-70	115
1231	Deletion of angiotensin II type 2 receptor exaggerated atherosclerosis in apolipoprotein E-null mice. 2005 , 112, 1636-43	115
1230	G alpha 12/13- and reactive oxygen species-dependent activation of c-Jun NH2-terminal kinase and p38 mitogen-activated protein kinase by angiotensin receptor stimulation in rat neonatal cardiomyocytes. 2005 , 280, 18434-41	109
1229	Reduced angiotensin II and oxidative stress contribute to impaired vasodilation in Dahl salt-sensitive rats on low-salt diet. 2005 , 45, 687-91	41
1228	Kidney in early atherosclerosis. 2005 , 45, 1042-9	120
1227	Critical role for CuZn-superoxide dismutase in preventing angiotensin II-induced endothelial dysfunction. 2005 , 46, 1147-53	54
1226	Comparison of the effects of quinapril and losartan on carotid artery intima-media thickness in patients with mild-to-moderate arterial hypertension. <i>Kidney and Blood Pressure Research</i> , 2005 , 28, 111- 3 6 1	19
1225	In vivo expression of recombinant vascular endothelial growth factor in rabbit carotid artery increases production of superoxide anion. 2005 , 25, 506-11	12
1224	Role of reactive oxygen species in angiotensin II-mediated renal growth, differentiation, and apoptosis. 2005 , 7, 1337-45	58
1223	ATVB in focus: redox mechanisms in blood vessels. 2005 , 25, 274-8	271
1222	NADPH oxidase activity and function are profoundly greater in cerebral versus systemic arteries. 2005 , 97, 1055-62	176

1221	Comparison of the effect of enalapril and losartan in conjunction with surgical coronary revascularisation versus revascularisation alone on systemic endothelial function. 2005 , 91, 1053-7		18
1220	ATVB in focus: redox mechanisms in blood vessels. 2005 , 25, 272-3		18
1219	High angiotensin II responsiveness is associated with decreased endothelium-dependent relaxation in human arteries. 2005 , 6, 145-50		5
1218	Galpha12/13-mediated production of reactive oxygen species is critical for angiotensin receptor-induced NFAT activation in cardiac fibroblasts. 2005 , 280, 23041-7		70
1217	Vascular hypertrophy in angiotensin II-induced hypertension is mediated by vascular smooth muscle cell-derived H2O2. 2005 , 46, 732-7		120
1216	Nox1 overexpression potentiates angiotensin II-induced hypertension and vascular smooth muscle hypertrophy in transgenic mice. 2005 , 112, 2668-76		349
1215	Protection from angiotensin II-mediated vasculotoxic and hypertensive response in mice lacking PI3Kgamma. 2005 , 201, 1217-28		142
1214	Oxidative stress in obstructive sleep apnea. 2005 , 127, 1674-9		272
1213	Roles of nitric oxide and oxidative stress in the regulation of blood pressure and renal function in prehypertensive Ren-2 transgenic rats. <i>Kidney and Blood Pressure Research</i> , 2005 , 28, 117-26	3.1	8
1212	Angiotensin II-dependent chronic hypertension and cardiac hypertrophy are unaffected by gp91phox-containing NADPH oxidase. 2005 , 45, 530-7		118
1211	Critical role of angiotensin II in excess salt-induced brain oxidative stress of stroke-prone spontaneously hypertensive rats. 2005 , 36, 1083-8		164
1210	Up-regulation of Akt and eNOS induces vascular smooth muscle cell differentiation in hypertension in vivo. 2005 , 45, 367-74		18
1209	Vascular consequences of endothelial nitric oxide synthase uncoupling for the activity and expression of the soluble guanylyl cyclase and the cGMP-dependent protein kinase. 2005 , 25, 1551-7		277
1208	Nitric oxide synthases modulate progenitor and resident endothelial cell behavior in galactosemia. 2005 , 7, 1413-22		16
1207	A Novel Molecule of the Angiotensin II Receptor Blocker Class. 2005 , 12, 79-89		1
1206	The Renin-Angiotensin System, Capri 2005. 2005 , 12, 91-108		
1205	Vascular oxidative stress precedes high blood pressure in spontaneously hypertensive rats. 2005 , 27, 71-82		61
1204	Plasma thioredoxin levels in patients with unstable angina. 2005 , 99, 225-31		31

1203	Inflammation and endothelial dysfunction as therapeutic targets in patients with heart failure. 2005 , 100, 347-53	60
1202	Effects of aortic coarctation on aortic antioxidant enzymes and NADPH oxidase protein expression. Life Sciences, 2005 , 76, 945-53	36
1201	Pharmacological concentration of angiotensin-(1-7) activates NADPH oxidase after ischemia-reperfusion in rat heart through AT1 receptor stimulation. 2005 , 127, 101-10	20
1200	Oxidative stress and nitric oxide deficiency in the kidney: a critical link to hypertension?. 2005 , 289, R913-35	371
1199	Role of angiotensin-converting enzyme inhibitors in the coronary artery bypass patient. 2005 , 79, 1081-9	14
1198	Vascular nitric oxide and oxidative stress: determinants of endothelial adaptations to cardiovascular disease and to physical activity. 2005 , 30, 442-74	87
1197	Role of oxidative stress in diabetic nephropathy. 2005 , 12, 146-54	69
1196	Physiology of penile erection and pathophysiology of erectile dysfunction. 2005 , 32, 379-95, v	352
1195	Mining literature for a comprehensive pathway analysis: a case study for retrieval of homocysteine related genes for genetic and epigenetic studies. 2006 , 5, 1	109
1194	NADPH oxidases of the brain: distribution, regulation, and function. 2006 , 8, 1583-96	301
1193	Use of the ACE inhibitor zofenopril in the treatment of ischemic heart disease. 2006, 4, 631-47	4
1192	Diabetes mellitus-associated atherosclerosis: mechanisms involved and potential for pharmacological invention. 2006 , 6, 15-40	20
1191	A computational model for free radicals transport in the microcirculation. 2006 , 8, 1103-11	26
1190	Role of NADPH oxidases in disturbed flow- and BMP4- induced inflammation and atherosclerosis. 2006 , 8, 1609-19	78
1189	Effect of doxazosin on oxidative stress related proteins in essential hypertensive patients. 2006 , 28, 181-8	8
1188	Endothelial nitric oxide synthase in vascular disease: from marvel to menace. 2006 , 113, 1708-14	1378
1187	Effect of chronic N-acetylcysteine treatment on the development of spontaneous hypertension. 2006 , 110, 235-42	46
1186	ACE polymorphisms. 2006 , 98, 1123-33	314

(2006-2006)

1185	Reciprocal relationships between insulin resistance and endothelial dysfunction: molecular and pathophysiological mechanisms. 2006 , 113, 1888-904		1189
1184	Biomarkers and potential mechanisms of obesity-induced oxidant stress in humans. 2006 , 30, 400-18		493
1183	Increased expression of endothelial nitric oxide synthase and caveolin-1 in the aorta of rats with isoproterenol-induced cardiac hypertrophy. 2006 , 84, 1245-50		13
1182	Angiotensin II type 1 receptor blocker telmisartan suppresses superoxide production and reduces atherosclerotic lesion formation in apolipoprotein E-deficient mice. 2006 , 186, 402-10		103
1181	Critical role of bradykinin-eNOS and oxidative stress-LOX-1 pathway in cardiovascular remodeling under chronic angiotensin-converting enzyme inhibition. 2006 , 187, 92-100		27
1180	Valsartan improves resting skin blood flow in type 2 diabetic patients and reduces poly(adenosine diphosphate-ribose) polymerase activation. 2006 , 43, 760-70; discussion 770-1		18
1179	NADPH oxidases in cardiovascular health and disease. 2006 , 8, 691-728		499
1178	Methylglyoxal, oxidative stress, and hypertension. 2006 , 84, 1229-38		81
1177	Astaxanthin, a carotenoid with potential in human health and nutrition. 2006, 69, 443-9		486
1176	The endothelium-derived hyperpolarizing factor, H2O2, promotes metal-ion efflux in aortic endothelial cells: elemental mapping by a hard X-ray microprobe. 2006 , 45, 12500-9		19
1175	The p22phox C242T gene polymorphism is associated with a reduced risk of angiographically verified coronary artery disease in a high-risk Finnish Caucasian population. The Finnish Cardiovascular Study. 2006 , 152, 538-42		24
1174	Glycogen synthase kinase 3beta together with 14-3-3 protein regulates diabetic cardiomyopathy: effect of losartan and tempol. 2006 , 580, 1932-40		28
1173	Forced swimming test increases superoxide anion positive cells and angiotensin II positive cells in the cerebrum and cerebellum of the rat. 2006 , 71, 18-22		17
1172	Janus-faced role of endothelial NO synthase in vascular disease: uncoupling of oxygen reduction from NO synthesis and its pharmacological reversal. 2006 , 387, 1521-33		116
1171	Angiotensin receptor blockade improves vascular compliance in healthy normotensive elderly individuals: results from a randomized double-blind placebo-controlled trial. 2006 , 8, 783-90		19
1170	Angiotensin II type 1 (AT1)-receptor blocker prevents impairment of endothelium-dependent cerebral vasodilation by acute cigarette smoking in rats. <i>Life Sciences</i> , 2006 , 78, 1310-6	6.8	14
1169	Cardiovascular oxidative stress is reduced by an ACE inhibitor in a rat model of streptozotocin-induced diabetes. <i>Life Sciences</i> , 2006 , 79, 121-9	6.8	83
1168	AT1 receptor antagonism ameliorates acute pancreatitis-associated pulmonary injury. 2006 , 134, 46-53		19

1167	Endothelial dysfunction and oxidative stress in arterial hypertension. 2006 , 16, 222-33	83
1166	Activation of ETB receptors increases superoxide levels in sympathetic ganglia in vivo. 2006 , 290, R90-5	27
1165	Insulin Resistance and Erectile Dysfunction. 2006 , 47, 917	2
1164	Characteristics and actions of NAD(P)H oxidase on the sarcoplasmic reticulum of coronary artery smooth muscle. 2006 , 290, H1136-44	25
1163	Superoxide formation and interaction with nitric oxide modulate systemic arterial pressure and renal function in salt-depleted dogs. 2006 , 231, 269-76	14
1162	Angiotensin II receptor antagonist attenuates expression of aging markers in diabetic mouse heart. 2006 , 70, 482-8	23
1161	Angiotensin II-stimulated collagen production in cardiac fibroblasts is mediated by reactive oxygen species. 2006 , 24, 757-66	64
1160	Oxidative stress-associated vascular aging is xanthine oxidase-dependent but not NAD(P)H oxidase-dependent. 2006 , 48, 88-94	41
1159	Ceramide attenuates hypoxic cell death via reactive oxygen species signaling. 2006 , 47, 158-63	26
1158	Angiotensin II: multitasking in the brain. 2006 , 24, S131-7	33
1157	Interpreting antioxidant responses to angiotensin AT1 receptor antagonists: pharmacology or chemistry?. 2006 , 24, 1013-6	
1156	Effect of angiotensin II type 1 receptor antagonism on endothelial function: role of bradykinin and nitric oxide. 2006 , 24, S39-43	40
1155	Endothelial progenitor cells: biology and therapeutic potential in hypertension. 2006 , 15, 167-72	21
1154	Interaction between nitric oxide and angiotensin II in the endothelium: role in atherosclerosis and hypertension. 2006 , 24, S45-50	64
1153	Inflammation in hypertension. 2006 , 15, 152-8	139
1152	Quercetin downregulates NADPH oxidase, increases eNOS activity and prevents endothelial dysfunction in spontaneously hypertensive rats. 2006 , 24, 75-84	212
1151	Acute effects of the superoxide dismutase mimetic tempol on split kidney function in two-kidney one-clip hypertensive rats. 2006 , 24, 387-94	18
1150	Renal artery stenosis and accelerated atherosclerosis: which comes first?. 2006 , 24, 1687-96	16

12	Targeting reactive oxygen species in hypertension. 2006 , 15, 179-86	65
1148	Hydrogen peroxide as a paracrine vascular mediator: regulation and signaling leading to dysfunction. 2006 , 231, 237-51	177
1147	[Pathophysiological significance of RAS in formation of arteriosclerosis]. 2006 , 95, 1762-8	
1146	Long-term treatment with imidapril but not with nifedipine enhances plasma NOx concentration in patients with essential hypertension. 2006 , 101, 159-65	4
1145	Behaviour of the anti-oxidant defence system and heme oxygenase-1 protein expression in fructose-hypertensive rats. 2006 , 33, 734-9	13
1144	Oxidized-LDL and atherosclerosis. Role of LOX-1. 2000 , 902, 95-100; discussion 100-2	35
1143	Endothelial mechanotransduction, nitric oxide and vascular inflammation. 2006 , 259, 351-63	231
1142	Acute sodium overload produces renal tubulointerstitial inflammation in normal rats. 2006 , 70, 1439-46	32
1141	The influence of mouse Ped gene expression on postnatal development. 2006 , 571, 211-20	16
1140	Inhibition of NAD(P)H oxidase alleviates impaired NOS-dependent responses of pial arterioles in type 1 diabetes mellitus. <i>Microcirculation</i> , 2006 , 13, 567-75	34
1139	Effects of endothelium-derived hyperpolarizing factor and nitric oxide on endothelial function in	
	femoral resistance arteries of spontaneously hypertensive rats. 2006 , 29, 187-95	30
1138	Pressure overload-induced transient oxidative stress mediates perivascular inflammation and cardiac fibrosis through angiotensin II. 2006 , 29, 711-8	90
1138	Pressure overload-induced transient oxidative stress mediates perivascular inflammation and	
	Pressure overload-induced transient oxidative stress mediates perivascular inflammation and cardiac fibrosis through angiotensin II. 2006 , 29, 711-8	90
1137	Pressure overload-induced transient oxidative stress mediates perivascular inflammation and cardiac fibrosis through angiotensin II. 2006 , 29, 711-8 Angiotensin preconditioning of the heart: evidence for redox signaling. 2006 , 44, 103-10 Micronutrients and their supplementation in chronic cardiac failure. An update beyond theoretical	90
1137	Pressure overload-induced transient oxidative stress mediates perivascular inflammation and cardiac fibrosis through angiotensin II. 2006, 29, 711-8 Angiotensin preconditioning of the heart: evidence for redox signaling. 2006, 44, 103-10 Micronutrients and their supplementation in chronic cardiac failure. An update beyond theoretical perspectives. 2006, 11, 65-74 Different pathomechanisms of essential and obesity-associated hypertension in adolescents. 2006,	90 20 35
1137 1136 1135	Pressure overload-induced transient oxidative stress mediates perivascular inflammation and cardiac fibrosis through angiotensin II. 2006, 29, 711-8 Angiotensin preconditioning of the heart: evidence for redox signaling. 2006, 44, 103-10 Micronutrients and their supplementation in chronic cardiac failure. An update beyond theoretical perspectives. 2006, 11, 65-74 Different pathomechanisms of essential and obesity-associated hypertension in adolescents. 2006, 21, 1419-25 Preventive and therapeutic effects of angiotensin II type 1 receptor blocker on hepatic fibrosis	90 20 35

1131	Oxidant stress major cause of reduced endothelial nitric oxide availability in cardiovascular disease. 2006 , 62, 13-19	78
1130	The renin-angiotensin system and atherosclerosis. 2006 , 8, 47-53	23
1129	Angiotensin II-dependent vascular alterations in young cardiomyopathic hamsters: role for oxidative stress. 2006 , 44, 22-8	19
1128	Blunted non-nitric oxide vasodilatory neurotransmission in penile arteries from renal hypertensive rats. 2006 , 44, 354-62	10
1127	Transcriptional regulation of the NADPH oxidase isoform, Nox1, in colon epithelial cells: role of GATA-binding factor(s). 2006 , 40, 260-74	33
1126	Oxidative stress and oxidant signaling in obstructive sleep apnea and associated cardiovascular diseases. 2006 , 40, 1683-92	171
1125	NADPH oxidases are in part responsible for increased cardiovascular superoxide production during aging. 2006 , 40, 2214-22	84
1124	Effect of the anti-anginal agent, perhexiline, on neutrophil, valvular and vascular superoxide formation. 2006 , 531, 13-9	33
1123	Modulation by homocysteine of the iberiotoxin-sensitive, Ca2+ -activated K+ channels of porcine coronary artery smooth muscle cells. 2006 , 546, 109-19	13
1122	Role of gp91phox-containing NADPH oxidase in the deoxycorticosterone acetate-salt-induced hypertension. 2006 , 552, 131-4	29
1121	Oxidative stress at the vascular wall. Mechanistic and pharmacological aspects. 2006 , 37, 436-48	35
1120	Vascular NADPH oxidases as drug targets for novel antioxidant strategies. 2006 , 11, 524-33	183
1119	ACE2: A novel therapeutic target for cardiovascular diseases. 2006 , 91, 163-98	70
1118	Mechanisms of target organ damage caused by hypertension: therapeutic potential. 2006 , 111, 81-98	103
1117	Novel isoforms of NADPH-oxidase in cerebral vascular control. 2006 , 111, 928-48	96
1116	Rho-kinase contributes to hypoxia/reoxygenation-induced cerebral endothelial dysfunction. 2006 , 48, 814-9	2
1115	Impact of angiotensin II receptor blocker on plasma levels of adiponectin and advanced oxidation protein products in peritoneal dialysis patients. 2006 , 24, 445-50	19
1114	Reactive oxygen species impair sympathetic vasoregulation in skeletal muscle in angiotensin II-dependent hypertension. 2006 , 48, 637-43	68

(2006-2006)

1113	Modulation of dilator responses of cerebral arterioles by extracellular superoxide dismutase. 2006 , 37, 2802-6	23
1112	Enhanced superoxide generation modulates renal function in ANG II-induced hypertensive rats. 2006 , 290, F80-6	59
1111	Angiotensin II, interstitial inflammation, and the pathogenesis of salt-sensitive hypertension. 2006 , 291, F1281-7	35
1110	beta(1) Receptors protect the renal afferent arteriole of angiotensin-infused rabbits from norepinephrine-induced oxidative stress. 2006 , 17, 3347-54	22
1109	Neonatal sympathectomy reduces NADPH oxidase activity and vascular resistance in spontaneously hypertensive rat kidneys. 2006 , 291, R391-9	13
1108	Angiotensin II decreases system A amino acid transporter activity in human placental villous fragments through AT1 receptor activation. 2006 , 291, E1009-16	44
1107	Role of superoxide and angiotensin II suppression in salt-induced changes in endothelial Ca2+ signaling and NO production in rat aorta. 2006 , 291, H929-38	44
1106	Exaggerated vasomotor response to ANG II in rats with fetal programming of hypertension associated with exposure to a low-protein diet during gestation. 2006 , 291, R1060-8	47
1105	Enhanced oxidative stress in kidneys of salt-sensitive hypertension: role of sensory nerves. 2006 , 291, H3136-43	22
1104	Sexual dimorphism in the renin-angiotensin system in aging spontaneously hypertensive rats. 2006 , 291, R383-90	48
1103	Progressive left ventricular hypertrophy after withdrawal of long-term ACE inhibition following experimental myocardial infarction. 2006 , 8, 122-30	8
1102	Transforming growth factor-alpha, a novel mediator of strain-induced vascular remodeling. 2006 , 99, 348-50	8
1101	Adventures in vascular biology: a tale of two mediators. 2006 , 361, 735-59	73
1100	Mineralocorticoid receptor antagonism attenuates cardiac hypertrophy and failure in low-aldosterone hypertensive rats. 2006 , 47, 656-64	188
1099	Molecular mechanism of the inhibitory effect of aldosterone on endothelial NO synthase activity. 2006 , 48, 165-71	134
1098	Effects of angiotensin II on NO bioavailability evaluated using a catheter-type NO sensor. 2006 , 48, 1058-65	34
1097	Oxidative stress and vascular disease: 2005 Duff lecture. 2006 , 26, 689-95	162
1096	Angiotensin II induces interleukin-6 in humans through a mineralocorticoid receptor-dependent mechanism. 2006 , 48, 1050-7	106

1095	Role of extracellular superoxide dismutase in the mouse angiotensin slow pressor response. 2006 , 48, 934-41	81
1094	Sesamin metabolites induce an endothelial nitric oxide-dependent vasorelaxation through their antioxidative property-independent mechanisms: possible involvement of the metabolites in the antihypertensive effect of sesamin. 2006 , 318, 328-35	72
1093	Nebivolol inhibits superoxide formation by NADPH oxidase and endothelial dysfunction in angiotensin II-treated rats. 2006 , 48, 677-84	164
1092	Modulation of vascular smooth muscle signaling by reactive oxygen species. 2006 , 21, 269-80	190
1091	Angiotensin II infusion alters vascular function in mouse resistance vessels: roles of O and endothelium. 2006 , 43, 109-19	35
1090	Vascular responses to alpha1-adrenergic receptors in small rat mesenteric arteries depend on mitochondrial reactive oxygen species. 2006 , 26, 819-25	68
1089	Mechanosensitive production of reactive oxygen species in endothelial and smooth muscle cells: role in microvascular remodeling?. 2006 , 8, 1121-9	52
1088	Physiology of local renin-angiotensin systems. 2006 , 86, 747-803	1225
1087	The vascular endothelium in hypertension. 2006 , 249-83	51
1086	Nitric oxide and the vascular endothelium. 2006 , 213-54	243
1086	Nitric oxide and the vascular endothelium. 2006, 213-54 Mechanoregulation of monocyte chemoattractant protein-1 expression in rat vascular smooth muscle cells. 2006, 8, 1461-71	243
1085	Mechanoregulation of monocyte chemoattractant protein-1 expression in rat vascular smooth muscle cells. 2006 , 8, 1461-71	
1085	Mechanoregulation of monocyte chemoattractant protein-1 expression in rat vascular smooth muscle cells. 2006 , 8, 1461-71 IL-6 deficiency protects against angiotensin II induced endothelial dysfunction and hypertrophy.	11
1085 1084	Mechanoregulation of monocyte chemoattractant protein-1 expression in rat vascular smooth muscle cells. 2006 , 8, 1461-71 IL-6 deficiency protects against angiotensin II induced endothelial dysfunction and hypertrophy. 2007 , 27, 2576-81 NAD(P)H oxidase modulates angiogenesis and the development of portosystemic collaterals and	11
1085	Mechanoregulation of monocyte chemoattractant protein-1 expression in rat vascular smooth muscle cells. 2006, 8, 1461-71 IL-6 deficiency protects against angiotensin II induced endothelial dysfunction and hypertrophy. 2007, 27, 2576-81 NAD(P)H oxidase modulates angiogenesis and the development of portosystemic collaterals and splanchnic hyperaemia in portal hypertensive rats. 2007, 56, 560-4 Role of the T cell in the genesis of angiotensin II induced hypertension and vascular dysfunction.	11 131 45
1085 1084 1083 1082	Mechanoregulation of monocyte chemoattractant protein-1 expression in rat vascular smooth muscle cells. 2006, 8, 1461-71 IL-6 deficiency protects against angiotensin II induced endothelial dysfunction and hypertrophy. 2007, 27, 2576-81 NAD(P)H oxidase modulates angiogenesis and the development of portosystemic collaterals and splanchnic hyperaemia in portal hypertensive rats. 2007, 56, 560-4 Role of the T cell in the genesis of angiotensin II induced hypertension and vascular dysfunction. 2007, 204, 2449-60 Vasodilator prostanoids compensate for attenuated nitric oxide mediated vasodilation in type 1	11 131 45 1218
1085 1084 1083 1082	Mechanoregulation of monocyte chemoattractant protein-1 expression in rat vascular smooth muscle cells. 2006, 8, 1461-71 IL-6 deficiency protects against angiotensin II induced endothelial dysfunction and hypertrophy. 2007, 27, 2576-81 NAD(P)H oxidase modulates angiogenesis and the development of portosystemic collaterals and splanchnic hyperaemia in portal hypertensive rats. 2007, 56, 560-4 Role of the T cell in the genesis of angiotensin II induced hypertension and vascular dysfunction. 2007, 204, 2449-60 Vasodilator prostanoids compensate for attenuated nitric oxide mediated vasodilation in type 1 diabetes. 2007, 7, 288-294	11 131 45 1218

(2007-2007)

1077	murine aortic rings. 2007 , 292, H3103-8	27
1076	Cyclooxygenase-1 is involved in endothelial dysfunction of mesenteric small arteries from angiotensin II-infused mice. 2007 , 49, 679-86	63
1075	ERK activation contributes to regulation of spontaneous contractile tone via superoxide anion in isolated rat aorta of angiotensin II-induced hypertension. 2007 , 292, H2997-3005	19
1074	The elevated blood pressure of human GRK4gamma A142V transgenic mice is not associated with increased ROS production. 2007 , 292, H2083-92	32
1073	Role of angiotensin II in endothelial dysfunction induced by lipopolysaccharide in mice. 2007 , 293, H3726-31	66
1072	Association of plasma natriuretic peptide levels with metabolic risk factors in ambulatory individuals. 2007 , 115, 1345-53	166
1071	Effect of gender on NADPH-oxidase activity, expression, and function in the cerebral circulation: role of estrogen. 2007 , 38, 2142-9	110
1070	Angiotensin II type 1 receptor blockade improves hyperglycemia-induced endothelial dysfunction and reduces proinflammatory cytokine release from leukocytes. 2007 , 49, 6-12	29
1069	Therapeutic potential of tetrahydrobiopterin for treating vascular and cardiac disease. 2007 , 50, 238-46	73
1068	Prehypertensive renin-angiotensin-aldosterone system blockade in spontaneously hypertensive rats ameliorates the loss of long-term vascular function. 2007 , 30, 853-61	17
1067	Nordihydroguaiaretic acid increases endothelial nitric oxide synthase expression via the transcription factor AP-1. 2007 , 26, 853-62	10
1066	Hypertension caused by transgenic overexpression of Rac1. 2007 , 9, 91-100	40
1065	Alteration of nitric oxide production in rats exposed to a prolonged, extremely low-frequency magnetic field. 2007 , 26, 99-106	35
1064	Endothelial Nox2 overexpression potentiates vascular oxidative stress and hemodynamic response to angiotensin II: studies in endothelial-targeted Nox2 transgenic mice. 2007 , 100, 1016-25	117
1063	Blockade of AT1 receptor reduces apoptosis, inflammation, and oxidative stress in normotensive rats with intracerebral hemorrhage. 2007 , 322, 1051-8	86
1062	Angiotensin II-induced reactive oxygen species and the kidney. 2007 , 18, 2439-46	2 00
1061	Angiotensin II type 1 receptor-dependent nuclear factor-kappaB activation-mediated proinflammatory actions in a rat model of obstructive acute pancreatitis. 2007 , 323, 10-8	47
1060	Role of xanthine oxidoreductase in the reversal of diastolic heart failure by candesartan in the salt-sensitive hypertensive rat. 2007 , 50, 657-62	40

1059	Mineralocorticoid receptor blockade improves vasomotor dysfunction and vascular oxidative stress early after myocardial infarction. 2007 , 50, 919-25	63
1058	(6R)-5,6,7,8-tetrahydro-L-biopterin and its stereoisomer prevent ischemia reperfusion injury in human forearm. 2007 , 27, 1334-9	36
1057	Angiotensin-converting enzyme genotype interacts with systolic blood pressure to determine coronary heart disease risk in healthy middle-aged men. 2007 , 50, 348-53	8
1056	Reactive Oxygen Metabolites (ROMs) as an Index of Oxidative Stress in Obstructive Sleep Apnea Patients. 2007 , 247-265	
1055	Effect of high-salt diet on vascular relaxation and oxidative stress in mesenteric resistance arteries. 2007 , 44, 382-90	94
1054	Impact of telmisartan versus ramipril on renal endothelial function in patients with hypertension and type 2 diabetes. 2007 , 30, 1351-6	101
1053	Hydrogen peroxide promotes endothelial dysfunction by stimulating multiple sources of superoxide anion radical production and decreasing nitric oxide bioavailability. 2007 , 20, 255-68	62
1052	NADPH oxidase contributes to vascular inflammation, insulin resistance, and remodeling in the transgenic (mRen2) rat. 2007 , 50, 384-91	94
1051	Losartan reduces the increased participation of cyclooxygenase-2-derived products in vascular responses of hypertensive rats. 2007 , 321, 381-8	60
1050	Successful treatment of refractory angina pectoris due to multivessel coronary spasm with valsartan. 2007 , 46, 1425-9	6
1049	Superoxide mediates acute renal vasoconstriction produced by angiotensin II and catecholamines by a mechanism independent of nitric oxide. 2007 , 292, H83-92	61
1048	Endothelin-1 in humans is increased by oxygen-derived radicals ex vivo and in vivo. 2007 , 55, 306-14	12
1047	Quercetin and isorhamnetin prevent endothelial dysfunction, superoxide production, and overexpression of p47phox induced by angiotensin II in rat aorta. 2007 , 137, 910-5	83
1046	Ramipril dose-dependently increases nitric oxide availability in the radial artery of essential hypertension patients. 2007 , 25, 361-6	50
1045	C-reactive protein, an 'intermediate phenotype' for inflammation: human twin studies reveal heritability, association with blood pressure and the metabolic syndrome, and the influence of common polymorphism at catecholaminergic/beta-adrenergic pathway loci. 2007 , 25, 329-43	75
1044	Superoxide and its interaction with nitric oxide modulates renal function in prehypertensive Ren-2 transgenic rats. 2007 , 25, 2257-65	12
1043	Effect of losartan therapy on endothelial function in hypertensive patients. 2007, 14, 166-71	7
1042	Effects of p38 MAPK Inhibitor on angiotensin II-dependent hypertension, organ damage, and superoxide anion production. 2007 , 49, 362-8	78

1041	Increased oxidative stress impairs endothelial modulation of contractions in arteries from spontaneously hypertensive rats. 2007 , 25, 415-21	50
1040	Receptor-independent intracellular radical scavenging activity of an angiotensin II receptor blocker. 2007 , 25, 1643-9	23
1039	Low-density lipoprotein reduction by simvastatin is accompanied by angiotensin II type 1 receptor downregulation, reduced oxidative stress, and improved endothelial function in patients with stable coronary artery disease. 2007 , 18, 201-9	7
1038	Vascular oxidative stress is associated with insulin resistance in hyper-reninemic nonmodulating essential hypertension. 2007 , 25, 2434-40	9
1037	Effect of losartan, compared with atenolol, on endothelial function and oxidative stress in patients with type 2 diabetes and hypertension. 2007 , 25, 785-91	65
1036	Valsartan therapy in heart failure after myocardial infarction: the role of endothelial dependent vasorelaxation. 2007 , 50, 703-7	12
1035	Targeted and persistent effects of NO mediated by S-nitrosation of tissue thiols in arteries with endothelial dysfunction. 2007 , 17, 1-9	4
1034	Sexual function, satisfaction, and association of erectile dysfunction with cardiovascular disease and risk factors in cardiovascular high-risk patients: substudy of the ONgoing Telmisartan Alone and in Combination with Ramipril Global Endpoint Trial/Telmisartan Randomized AssessmeNT	49
1033	Effects of statin treatment and withdrawal on angiotensin II-induced phosphorylation of p38 MAPK and ERK1/2 in cultured vascular smooth muscle cells. 2007 , 353, 11-7	18
1032	Buthionine sulfoximine causes endothelium dependent hyper-relaxation and hypoadiponectinemia. <i>Life Sciences</i> , 2007 , 80, 873-8	9
1031	Diabetes-induced cerebrovascular dysfunction: role of poly(ADP-ribose) polymerase. 2007 , 73, 1-6	37
1030	Thioredoxins, mitochondria, and hypertension. 2007 , 170, 805-8	19
1029	Vascular inflammation in hypertension and diabetes: molecular mechanisms and therapeutic interventions. 2007 , 112, 375-84	247
1028	Interaction of endothelial nitric oxide and angiotensin in the circulation. 2007 , 59, 54-87	56
1027	Redox features of the cell: a gender perspective. 2007 , 9, 1779-801	77
1026	Comparative crossover, randomized, open-label bioequivalence study on the bioequivalence of two formulations of thioctic acid in healthy volunteers. 2007 , 29, 575-86	14
1025	Inhibition of the renin-angiotensin system and the prevention of stroke. 2007 , 7, 25-37	14
1024	Lipid raft redox signaling platforms in endothelial dysfunction. 2007 , 9, 1457-70	64

Angiotensin II cell signaling: physiological and pathological effects in the cardiovascular system 2007 , 292, C82-97	. 1369
Temporal effects of low-dose ACE inhibition on endothelial function in Type 1 diabetic patients 2007 , 30, 726-33	. 8
Renin-angiotensin-aldosterone system and oxidative stress in cardiovascular insulin resistance. 2007 , 293, H2009-23	214
Losartan improves the impaired function of endothelial progenitor cells in hypertension via an antioxidant effect. 2007 , 30, 1119-28	84
Contribution of different Nox homologues to cardiac remodeling in two-kidney two-clip renovascular hypertensive rats: effect of valsartan. 2007 , 55, 408-17	32
What cardiologists should know about calcium ion channels and their regulation by reactive oxy species. 2007 , 16, 361-72	/gen 12
Olmesartan, but not amlodipine, improves endothelium-dependent coronary dilation in hypertensive patients. 2007 , 50, 1144-9	100
Free oxygen radicals in whole blood correlate strongly with high-sensitivity C-reactive protein. 1016 , 1, 593-8	2007 14
Detection of reactive oxygen species and nitric oxide in vascular cells and tissues: comparison o sensitivity and specificity. 2007 , 139, 293-311	f 45
1014 Redox control of calcium channels: from mechanisms to therapeutic opportunities. 2007 , 9, 409	133
1013 Role of Sex Steroids in Hypertension. 2007 , 397-403	
1012 Renal Dysfunction in Hypertension and Obesity. 2007 , 575-595	2
Leg flow-mediated arterial dilation in elderly patients with heart failure and normal left ventric ejection fraction. 2007 , 292, H1427-34	ular 66
1010 Atherothrombosis and Coronary Artery Disease. 2007 , 629-655	9
Enalapril and losartan affect lipid peroxidation in renal transplant recipients with renin-angiote system polymorphisms. 2007 , 40, 194-200	nsin 7
1008 Renin: at the heart of the mast cell. 2007 , 217, 123-40	80
Brain superoxide as a key regulator of the cardiovascular response to emotional stress in rabbit 2007 , 92, 471-9	rs. 18
Rho-kinase as a novel gene therapeutic target in treatment of cold ischemia/reperfusion-induce acute lethal liver injury: effect on hepatocellular NADPH oxidase system. 2007 , 14, 1425-33	ed 16

1005	Involvement of the endothelin ET(B) receptor in gender differences in deoxycorticosterone acetate-salt-induced hypertension. 2007 , 34, 280-5	29
1004	ABNORMALITIES OF NITRIC OXIDE-MEDIATED VASORELAXATION IN A RAT MODEL OF METABOLIC SYNDROME: INVOLVEMENT OF PEROXYNITRITE FORMATION. 2007 , 34, S23-S25	
1003	Endothelial dysfunction in insulin resistance and type 2 diabetes. 2007 , 262, 173-83	121
1002	Nitric oxide, superoxide and renal blood flow autoregulation in SHR after perinatal L-arginine and antioxidants. 2007 , 190, 329-38	24
1001	Glucose down-regulation of cGMP-dependent protein kinase I expression in vascular smooth muscle cells involves NAD(P)H oxidase-derived reactive oxygen species. 2007 , 42, 852-63	64
1000	Enalapril improves impairment of SERCA-derived relaxation and enhancement of tyrosine nitration in diabetic rat aorta. 2007 , 556, 121-8	20
999	Aspirin restores normal baroreflex function in hypercholesterolemic rats by its antioxidative action. 2007 , 556, 136-43	29
998	Effects of perhexiline and nitroglycerin on vascular, neutrophil and platelet function in patients with stable angina pectoris. 2007 , 560, 49-55	12
997	Low-dose treatment with atorvastatin leads to anti-oxidative and anti-inflammatory effects in diabetes mellitus. 2007 , 569, 204-11	44
996	Synergistic actions of enalapril and tempol during chronic angiotensin II-induced hypertension. 2007 , 46, 144-51	12
995	David G. Harrison. 2007 , 30, 629-30	
994	Reactive Oxygen Species, Oxidative Stress, and Vascular Biology in Hypertension. 2007 , 337-347	9
993	Molecular targeting therapy with angiotensin II receptor blocker for prostatic cancer. 2007 , 1, 3-13	1
992	Einfluss antihypertensiver Medikamente auf die Endothelfunktion. 2007 , 3, 430-438	
991	CV-11974, angiotensin II type I receptor antagonist, reduces the severity of indomethacin-induced rat enteritis. 2008 , 53, 657-63	14
990	Pathways involved in the transition from hypertension to hypertrophy to heart failure. Treatment strategies. 2008 , 13, 367-75	76
989	The HMG-CoA reductase inhibitor rosuvastatin and the angiotensin receptor antagonist candesartan attenuate atherosclerosis in an apolipoprotein E-deficient mouse model of diabetes via effects on advanced glycation, oxidative stress and inflammation. 2008 , 51, 1731-40	49

987	Evaluation of gliclazide ability to attenuate the hyperglycaemic 'memory' induced by high glucose in isolated human endothelial cells. 2008 , 24, 301-9	31
986	Pharmacological and clinical aspects of heme oxygenase. 2008 , 60, 79-127	903
985	Oxidative stress through activation of NAD(P)H oxidase in hypertensive mice with spontaneous intracranial hemorrhage. 2008 , 28, 1175-85	26
984	Ligand release-independent transactivation of epidermal growth factor receptor by transforming growth factor-beta involves multiple signaling pathways. 2008 , 27, 614-28	45
983	Effects of angiotensin II blockade on inflammation-induced alterations of pharmacokinetics and pharmacodynamics of calcium channel blockers. 2008 , 153, 90-9	18
982	Endothelins and NADPH oxidases in the cardiovascular system. 2008 , 35, 2-6	33
981	Reactive oxygen species and glucocorticoid-induced hypertension. 2008 , 35, 477-82	26
980	Suppressing NADPH oxidase-dependent oxidative stress in the vasculature with nitric oxide donors. 2008 , 35, 1395-401	9
979	Effective blood pressure treatment improves LDL-cholesterol susceptibility to oxidation in patients with essential hypertension. 2008 , 250, 322-326	
978	Alteration of p66shc is associated with endothelial dysfunction in the abdominal aortic coarctation of rats. 2008 , 582, 2561-6	17
977	AT1-receptor blockade by telmisartan upregulates GTP-cyclohydrolase I and protects eNOS in diabetic rats. 2008 , 45, 619-26	102
976	Distinct roles of Nox1 and Nox4 in basal and angiotensin II-stimulated superoxide and hydrogen peroxide production. 2008 , 45, 1340-51	312
975	Protective effect of Pycnogenol in human neuroblastoma SH-SY5Y cells following acrolein-induced cytotoxicity. 2008 , 45, 1510-9	41
974	Losartan improves impaired nitric oxide synthase-dependent dilatation of cerebral arterioles in type 1 diabetic rats. 2008 , 1209, 128-35	24
973	Local production of O2- by NAD(P)H oxidase in the sarcoplasmic reticulum of coronary arterial myocytes: cADPR-mediated Ca2+ regulation. 2008 , 20, 637-44	32
972	Nicorandil enhances the effect of endothelial nitric oxide under hypoxia-reoxygenation: role of the KATP channel. 2008 , 579, 86-92	12
971	Role of superoxide and hydrogen peroxide in hypertension induced by an antagonist of adenosine receptors. 2008 , 588, 267-76	37
970	NADPH oxidases in the vasculature: molecular features, roles in disease and pharmacological inhibition. 2008 , 120, 254-91	207

969	Pathophysiology, diagnosis and prognostic implications of endothelial dysfunction. 2008 , 40, 180-96	279
968	Aging of the Vasculature and Related Systems. 2008 , 149-179	
967	Pathophysiology of Primary Hypertension. 2008 , 794-895	1
966	Zucker rats as an experimental model for the study of various diseases. 2008 , 55, 217-22	6
965	Angiotensin II enhances EGF receptor expression levels via ROS formation in HaCaT cells. 2008 , 51, 181-9	15
964	Endothelial progenitor cells, endothelial dysfunction, inflammation, and oxidative stress in hypertension. 2008 , 10, 1079-88	86
963	Vascular biology of angiotensin and the impact of physical activity. 2008 , 33, 162-72	47
962	NADPH oxidases, reactive oxygen species, and hypertension: clinical implications and therapeutic possibilities. 2008 , 31 Suppl 2, S170-80	520
961	Cytokine blockade attenuates sympathoexcitation in heart failure: cross-talk between nNOS, AT-1R and cytokines in the hypothalamic paraventricular nucleus. 2008 , 10, 625-34	66
960	YS 49, 1-(alpha-naphtylmethyl)-6,7-dihydroxy-1,2,3,4-tetrahydroisoquinoline, regulates angiotensin II-stimulated ROS production, JNK phosphorylation and vascular smooth muscle cell proliferation 6.8 via the induction of heme oxygenase-1. <i>Life Sciences</i> , 2008 , 82, 600-7	15
959	Vitamin C improves the effect of a new nitric oxide donor on the vascular smooth muscle from renal hypertensive rats. 2008 , 18, 176-83	45
958	Newly developed angiotensin II-infused experimental models in vascular biology. 2008, 150, 1-6	17
957	Met-Arg-Trp derived from Rubisco lowers blood pressure via prostaglandin D(2)-dependent vasorelaxation in spontaneously hypertensive rats. 2008 , 29, 345-9	32
956	Nitric oxide, tetrahydrobiopterin, oxidative stress, and endothelial dysfunction in hypertension. 2008 , 10, 1115-26	319
955	Protective effects of angiotensin II type 1 receptor blocker on cerebral circulation independent of blood pressure. 2008 , 210, 441-8	39
954	Urocortin: a beneficial or detrimental agent to endothelium?. 2008, 371, 345-9	10
953	Mechanisms underlying recoupling of eNOS by HMG-CoA reductase inhibition in a rat model of streptozotocin-induced diabetes mellitus. 2008 , 198, 65-76	106
952	Free radicals in the heart: friend or foe?. 2008 , 6, 589-91	7

951	Assessment of DNA oxidation and antioxidant activity in hypertensive patients with chronic kidney disease. 2008 , 30, 1006-11	23
950	Pharmacokinetics of different formulations of tioctic (alpha-lipoic) acid in healthy volunteers. 2008 , 30, 767-75	9
949	Redox control of renal function and hypertension. 2008 , 10, 2047-89	127
948	Endothelial dysfunction: from molecular mechanisms to measurement, clinical implications, and therapeutic opportunities. 2008 , 10, 1631-74	131
947	Glutathione peroxidase-1 plays a major role in protecting against angiotensin II-induced vascular dysfunction. 2008 , 51, 872-7	71
946	Improvement of endothelial function of the corpus cavernosum in apolipoprotein E knockout mice treated with irbesartan. 2008 , 327, 692-8	28
945	The flame that lights the fire: oxidative stress, inflammation, and renal damage in angiotensin II-induced hypertension. 2008 , 52, 205-6	11
944	Roles of oxidants, nitric oxide, and asymmetric dimethylarginine in endothelial function. 2008, 13, 279-97	44
943	Inflammation in chronic heart failure. 2008 , 42, 1002-16	30
942	Addition of eplerenone to an angiotensin-converting enzyme inhibitor effectively improves nitric oxide bioavailability. 2008 , 51, 734-41	49
941	Sex differences in the pressor response to angiotensin II when the endogenous renin-angiotensin system is blocked. 2008 , 51, 1170-6	66
940	Pathophysiology of Primary Hypertension. 2008 , 794-895	3
939	Free radical generation by methylglyoxal in tissues. 2008 , 23, 151-73	52
938	Coronary constriction to angiotensin II is enhanced by endothelial superoxide production in sheep programmed by dexamethasone. 2008 , 63, 370-4	10
937	Effects of pioglitazone on nitric oxide bioavailability measured using a catheter-type nitric oxide sensor in angiotensin II-infusion rabbit. 2008 , 31, 117-25	4
936	Reactive oxygen species and hypertension: a complex association. 2008, 10, 1041-4	30
935	Redox signaling, vascular function, and hypertension. 2008 , 10, 1045-59	186
934	From hyperglycemia to AGE-RAGE interaction on the cell surface: a dangerous metabolic route for diabetic patients. 2008 , 12, 871-82	42

(2008-2008)

933	cardiovascular diseases. 2008 , 21, 733-41	153
932	Dissociation between superoxide accumulation and nitroglycerin-induced tolerance. 2008 , 327, 97-104	10
931	Renin inhibitor aliskiren improves impaired nitric oxide bioavailability and protects against atherosclerotic changes. 2008 , 52, 563-72	125
930	Suppression of the JNK Pathway by Induction of a Metabolic Stress Response Prevents Vascular Injury and Dysfunction. 2008 , 1	84
929	Effect of irbesartan on erectile function in patients with hypertension and metabolic syndrome. 2008 , 20, 493-500	56
928	Role of asymmetric dimethylarginine for angiotensin II-induced target organ damage in mice. 2008 , 294, H1058-66	42
927	Oxidative stress attenuates NO-induced modulation of sympathetic neurotransmission in the mesenteric arterial bed of spontaneously hypertensive rats. 2008 , 294, H183-9	29
926	Sex differences in control of blood pressure: role of oxidative stress in hypertension in females. 2008 , 295, H466-74	67
925	Reduced renal responses to nitric oxide synthase inhibition in mice lacking the gene for gp91phox subunit of NAD(P)H oxidase. 2008 , 295, F758-64	13
924	Prevention of aortic fibrosis by N-acetyl-seryl-aspartyl-lysyl-proline in angiotensin II-induced hypertension. 2008 , 295, H1253-H1261	46
923	Genes overexpressed in cerebral arteries following salt-induced hypertensive disease are regulated by angiotensin II, JunB, and CREB. 2008 , 294, H1075-85	16
922	Role of gp91phox-containing NADPH oxidase in left ventricular remodeling induced by intermittent hypoxic stress. 2008 , 294, H2197-203	49
921	Air pollution exposure potentiates hypertension through reactive oxygen species-mediated activation of Rho/ROCK. 2008 , 28, 1760-6	171
920	Angiotensin II-induced skeletal muscle insulin resistance mediated by NF-kappaB activation via NADPH oxidase. 2008 , 294, E345-51	159
919	Renal redox-sensitive signaling, but not blood pressure, is attenuated by Nox1 knockout in angiotensin II-dependent chronic hypertension. 2008 , 51, 500-6	66
918	ADMA impairs nitric oxide-mediated arteriolar function due to increased superoxide production by angiotensin II-NAD(P)H oxidase pathway. 2008 , 52, 960-6	57
917	A water-soluble fullerene vesicle alleviates angiotensin II-induced oxidative stress in human umbilical venous endothelial cells. 2008 , 31, 141-51	32
916	Upregulation of interleukin-8/CXCL8 in vascular smooth muscle cells from spontaneously hypertensive rats. 2008 , 31, 515-23	37

915	Combined effects of an 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitor and angiotensin II receptor antagonist on nitric oxide bioavailability and atherosclerotic change in myocardial infarction-prone Watanabe heritable hyperlipidemic rabbits. 2008 , 31, 1199-208	12
914	Effects of angiotensin converting enzyme inhibitor and angiotensin II receptor antagonist combination on nitric oxide bioavailability and atherosclerotic change in Watanabe heritable hyperlipidemic rabbits. 2008 , 31, 575-84	9
913	Comparative effects of N-acetyl-L-cysteine and ramipril on arterial hypertension, insulin resistance, and oxidative stress in chronically glucose-fed rats. 2008 , 86, 752-60	27
912	Pharmacological Interventions to Prevent Vascular Endothelial Dysfunction: Future Directions. 2008 , 54, 1-16	14
911	NADPH oxidase CYBA polymorphisms, oxidative stress and cardiovascular diseases. 2008 , 114, 173-82	78
910	Acute heart failure as "acute endothelitis"Interaction of fluid overload and endothelial dysfunction. 2008 , 10, 170-5	41
909	Roles of IL-6-gp130 Signaling in Vascular Inflammation. 2008 , 4, 179-92	106
908	Green tea catechins and cardiovascular health: an update. 2008 , 15, 1840-50	358
907	Regulation of oxidative stress and cardioprotection in diabetes mellitus. 2008, 4, 251-8	4
906	The role of reactive oxygen species in the heart after electrical stimulation. 2008 , 36, 3274-5	
905	Pathogenesis of essential hypertension: historical paradigms and modern insights. 2008, 26, 381-91	94
904	Effect of beta-blockers on endothelial function during biological aging: a nanotechnological approach. 2008 , 51, 208-15	11
903	Role of oxidative stress and nitric oxide in atherothrombosis. 2008, 13, 5323-44	127
902	Antihypertensive effects of astaxanthin. 2008 , 1, 1-3	4
901	Ramipril improves oxidative stress-related vascular endothelial dysfunction in db/db mice. 2008 , 58, 405-11	10
900	Therapeutic interventions and oxidative stress in diabetes. 2009 , 14, 192-209	21
899	The bilirubin level is negatively correlated with the incidence of hypertension in normotensive Korean population. 2009 , 24 Suppl, S50-6	41
898	Brain nuclear factor-kappa B activation contributes to neurohumoral excitation in angiotensin II-induced hypertension. 2009 , 82, 503-12	167

(2009-2009)

897	Role of NADPH oxidase in atherosclerosis. 2009 , 5, 83-92	56
896	Correlation of antioxidative properties and vaso-relaxation effects of major active constituents of traditional Chinese medicines. 2009 , 47, 366-371	6
895	Experimental rat models to study the metabolic syndrome. 2009 , 102, 1246-53	190
894	Thiol antioxidants regulate angiotensin II AT1 and arginine vasopressin V1 receptor functions differently in vascular smooth muscle cells. 2009 , 22, 221-7	5
893	Cyclic stretch, reactive oxygen species, and vascular remodeling. 2009, 11, 1651-67	158
892	Losartan metabolite EXP3179 blocks NADPH oxidase-mediated superoxide production by inhibiting protein kinase C: potential clinical implications in hypertension. 2009 , 54, 744-50	54
891	Attenuation of angiotensin II-induced vascular dysfunction and hypertension by overexpression of Thioredoxin 2. 2009 , 54, 338-44	117
890	Hemodynamic forces, vascular oxidative stress, and regulation of BMP-2/4 expression. 2009 , 11, 1683-97	49
889	A randomized placebo-controlled study on the effect of nifedipine on coronary endothelial function and plaque formation in patients with coronary artery disease: the ENCORE II study. 2009 , 30, 1590-7	72
888	Androgen-androgen receptor system protects against angiotensin II-induced vascular remodeling. 2009 , 150, 2857-64	52
887	Pressed for time: the circadian clock and hypertension. 2009 , 107, 1328-38	47
886	The role of NADPH oxidase 1-derived reactive oxygen species in paraquat-mediated dopaminergic cell death. 2009 , 11, 2105-18	125
885	Mechanisms of potentiation of Angiotensin II-induced contractile response of isolated rat aorta by hydrogen peroxide and tert-butyryl hydroperoxide. 2009 , 41, 140-3	3
884	Inhibition of angiotensin type 1 receptor impairs renal ability of K conservation in response to K restriction. 2009 , 296, F1179-84	14
883	Apocynin improves endothelial function and prevents the development of hypertension in fructose fed rat. 2009 , 41, 208-12	18
882	Endogenous interleukin-10 inhibits angiotensin II-induced vascular dysfunction. 2009 , 54, 619-24	117
881	Air pollution and cardiac remodeling: a role for RhoA/Rho-kinase. 2009 , 296, H1540-50	89
880	Bradykinin-induced dilation of human coronary arterioles requires NADPH oxidase-derived reactive oxygen species. 2009 , 29, 739-45	63

879	Nitric oxide synthase-dependent responses of the basilar artery during acute infusion of nicotine. 2009 , 11, 270-7	11
878	Cytoglobin is expressed in the vasculature and regulates cell respiration and proliferation via nitric oxide dioxygenation. 2009 , 284, 8539-47	85
877	Prolonged exposure to LPS increases iron, heme, and p22phox levels and NADPH oxidase activity in human aortic endothelial cells: inhibition by desferrioxamine. 2009 , 29, 732-8	38
876	Deletion of mineralocorticoid receptors from macrophages protects against deoxycorticosterone/salt-induced cardiac fibrosis and increased blood pressure. 2009 , 54, 537-43	222
875	The effect of tempol on endothelium-dependent vasodilatation and blood pressure. 2009 , 122, 109-24	55
874	Cyclic GMP signaling in cardiovascular pathophysiology and therapeutics. 2009 , 122, 216-38	273
873	Role of gender and estrogen receptors in the rat aorta endothelium-dependent relaxation to red wine polyphenols. 2009 , 51, 140-6	28
872	Cardioprotection: a radical view Free radicals in pre and postconditioning. 2009, 1787, 781-93	156
871	Catalase and glutathione peroxidase mimics. 2009 , 77, 285-96	192
870	CaMKII knockdown attenuates H2O2-induced phosphorylation of ERK1/2, PKB/Akt, and IGF-1R in vascular smooth muscle cells. 2009 , 47, 858-66	35
869	Hydrogen peroxide down-regulates inositol 1,4,5-trisphosphate receptor content through proteasome activation. 2009 , 47, 1362-70	16
868	NADPH oxidases are responsible for the failure of nitric oxide to inhibit migration of smooth muscle cells exposed to high glucose. 2009 , 47, 1578-83	29
867	Lipid raft redox signaling platforms in vascular dysfunction: features and mechanisms. 2009, 11, 220-6	15
866	Cyclophilin A enhances vascular oxidative stress and the development of angiotensin II-induced aortic aneurysms. 2009 , 15, 649-56	282
865	Melatonin improves cardiovascular function and ameliorates renal, cardiac and cerebral damage in rats with renovascular hypertension. 2009 , 47, 97-106	49
864	Characteristic changes in coronary artery at the early hyperglycaemic stage in a rat type 2 diabetes model and the effects of pravastatin. 2009 , 158, 621-32	15
863	Association between the -2518G/A polymorphism in the monocyte chemoattractant protein-1 (MCP-1) gene and hypertension in Tunisian patients. 2009 , 42, 34-7	14
862	B-type natriuretic peptide levels and insulin resistance in patients with severe ischemic myocardial dysfunction. 2009 , 32, 805-9	5

(2009-2009)

861	NADPH oxidase-dependent signaling in endothelial cells: role in physiology and pathophysiology. 2009 , 11, 791-810	310
860	Hemodynamic alterations in the coronary circulation of cardiomyopathic hamsters: age and Ang II-dependent mechanisms. 2009 , 15, 929-38	3
859	Losartan exerts renoprotection through NAD(P)H oxidase downregulation in a renovascular model of hypertension. 2009 , 156, 28-33	4
858	Nasal continuous positive airway pressure treatment reduces systemic oxidative stress in patients with severe obstructive sleep apnea syndrome. 2009 , 10, 87-94	64
857	NADPH oxidases and angiotensin II receptor signaling. 2009 , 302, 148-58	272
856	Angiotensin II and the development of insulin resistance: implications for diabetes. 2009 , 302, 128-39	141
855	Evolving understanding of the renin-angiotensin-aldosterone system: pathophysiology and targets for therapeutic intervention. 2009 , 157, S1-6	21
854	The L-type Ca(2+) channel as a potential mediator of pathology during alterations in cellular redox state. 2009 , 18, 3-10	27
853	Oxidative stress and hypertension. 2009 , 93, 621-35	223
852	Nitric oxide, NAD(P)H oxidase, and atherosclerosis. 2009 , 11, 1711-31	69
851	Metabolic Syndrome and Preeclampsia. 2009 , 105-128	3
850	Endothelial Cell Dysfunction and Oxidative Stress. 2009 , 143-167	2
849	Effect of chronic apocynin treatment on nitric oxide and reactive oxygen species production in borderline and spontaneous hypertension. 2009 , 61, 116-22	19
848	Independent and combined influence of AGTR1 variants and aerobic exercise on oxidative stress in hypertensives. 2009 , 18, 204-12	2
847	Catechin prevents endothelial dysfunction in the prediabetic stage of OLETF rats by reducing vascular NADPH oxidase activity and expression. 2009 , 206, 47-53	46
846	Targeting heme oxygenase: therapeutic implications for diseases of the cardiovascular system. 2009 , 17, 99-111	66
845	Effect of chronic inhibition of nitric oxide on hypertension, insulin resistance, and cardiovascular remodeling in glucose-fed rats. 2009 , 53, 405-13	5
844	High-salt diet combined with elevated angiotensin II accelerates atherosclerosis in apolipoprotein E-deficient mice. 2009 , 27, 41-7	17

843	Lowering arterial pressure delays the oxidative stress generation in a renal experimental model of hypertension. 2009 , 54, 348-54	4
842	Losartan and tempol treatments normalize the increased response to hydrogen peroxide in resistance arteries from hypertensive rats. 2009 , 27, 1814-22	10
841	Chronic production of peroxynitrite in the vascular wall impairs vasorelaxation function in SHR/NDmcr-cp rats, an animal model of metabolic syndrome. 2009 , 109, 556-64	26
840	Isoproterenol inhibits angiotensin II-stimulated proliferation and reactive oxygen species production in vascular smooth muscle cells through heme oxygenase-1. 2009 , 32, 1047-52	25
839	The angiotensin-converting enzyme insertion/deletion polymorphism is associated with phagocytic NADPH oxidase-dependent superoxide generation: potential implication in hypertension. 2009 , 116, 233-40	8
838	Role of TNF-alpha in vascular dysfunction. 2009 , 116, 219-30	439
837	Role of 14-3-3 protein and oxidative stress in diabetic cardiomyopathy. 2009 , 96, 277-87	18
836	Endothelial function and oxidative stress in cardiovascular diseases. 2009 , 73, 411-8	526
835	[New pharmacological approaches in heart failure: should we treat the endothelium?]. 2009, 64, 93-100	O
834	Effect of 3-thienylalanine-ornithine-proline, new sulfur-containing angiotensin-converting enzyme inhibitor on blood pressure and oxidative stress in spontaneously hypertensive rats. 2009 , 53, 145-50	11
833	Intrarenal dopamine attenuates deoxycorticosterone acetate/high salt-induced blood pressure elevation in part through activation of a medullary cyclooxygenase 2 pathway. 2009 , 54, 1077-83	25
832	Antihypertensive effect of French maritime pine bark extract (Flavangenol): possible involvement of endothelial nitric oxide-dependent vasorelaxation. 2009 , 27, 92-101	21
831	Nitric oxide dysfunction in vascular endothelium and platelets: role in essential hypertension. 2009 , 27, 2310-20	50
830	Vascular-targeting antioxidant therapy in a model of hypertension and stroke. 2010 , 56, 642-50	10
829	Role of differential signaling pathways and oxidative stress in diabetic cardiomyopathy. 2010 , 6, 280-90	60
828	Treatment of anemia in heart failure: potential risks and benefits of intravenous iron therapy in cardiovascular disease. 2010 , 18, 240-50	10
827	Vascular oxidative stress: the common link in hypertensive and diabetic vascular disease. 2010 , 55, 308-16	93
826	Biomechanics and vasoreactivity of female intramural coronaries in angiotensin II induced hypertension. 2010 , 97, 31-40	3

(2010-2009)

825	and clinical implications. 2009 , 118, 231-40	26
824	Effects of fermented milk peptides supplement on blood pressure and vascular function in spontaneously hypertensive rats. 2010 , 19, 1409-1413	14
823	Endothelium-derived contracting factors mediate the Ang II-induced endothelial dysfunction in the rat aorta: preventive effect of red wine polyphenols. 2010 , 459, 671-9	41
822	The regulation of endothelial nitric oxide synthase by caveolin: a paradigm validated in vivo and shared by the 'endothelium-derived hyperpolarizing factor'. 2010 , 459, 817-27	32
821	Modulation of gene expression by Polyalthia longifolia in postmenopausal women with coronary artery disease: an in vitro study. 2010 , 3, 570-9	2
820	Protective role of antioxidants in diabetes-induced cardiac dysfunction. 2010 , 10, 73-86	60
819	The present perspective of astaxanthin with reference to biosynthesis and pharmacological importance. 2010 , 26, 1925-1939	36
818	Prevention of neointima formation by taurine ingestion after carotid balloon injury. 2010 , 53, 177-84	10
817	Current Literature Review. 2010 , 7, 2626-2632	
816	Involvement of the renin-angiotensin system in the development of vascular damage in a rat model of arthritis: effect of angiotensin receptor blockers. 2010 , 62, 1319-28	45
815	Post-translational modifications of superoxide dismutase. 2010 , 1804, 318-25	120
814	Reactive oxygen species are involved in regulating alpha1-adrenoceptor-activated vascular smooth muscle contraction. 2010 , 17, 67	32
813	Vascular oxidative stress and inflammation increase with age: ameliorating effects of alpha-lipoic acid supplementation. 2010 , 1203, 151-9	23
812	Structural biology: On stress and pressure. 2010 , 468, 46-7	7
811	The renin-angiotensin system and cancer: old dog, new tricks. 2010 , 10, 745-59	341
810	Evidence that nitric oxide inhibits vascular inflammation and superoxide production via a p47phox-dependent mechanism in mice. 2010 , 37, 429-34	37
809	Coronary microvascular dysfunction in diabetes mellitus: A review. 2010 , 2, 377-90	54
808	Lysimachia clethroides extract promote vascular relaxation via endothelium-dependent mechanism. 2010 , 55, 481-8	8

807	Kinin B1 receptor enhances the oxidative stress in a rat model of insulin resistance: outcome in hypertension, allodynia and metabolic complications. 2010 , 5, e12622	50
806	Resveratrol protects human endothelium from H(2)O(2)-induced oxidative stress and senescence via SirT1 activation. 2010 , 17, 970-9	179
805	NADPH oxidases: functions and pathologies in the vasculature. 2010 , 30, 653-61	470
804	Angiotensin receptor blocker telmisartan improves insulin sensitivity in peritoneal dialysis patients. 2010 , 30, 66-71	7
803	The role of the central renin-angiotensin system in Parkinson's disease. 2010 , 11, 49-56	66
802	Prolonged fasting does not increase oxidative damage or inflammation in postweaned northern elephant seal pups. 2010 , 213, 2524-30	60
801	Interleukin 17 promotes angiotensin II-induced hypertension and vascular dysfunction. 2010 , 55, 500-7	510
800	Resurrecting hope for antioxidant treatment of cardiovascular disease: focus on mitochondria. 2010 , 107, 9-11	16
799	Redox control of vascular smooth muscle migration. 2010 , 12, 625-40	64
798	Inhibition and genetic ablation of the B7/CD28 T-cell costimulation axis prevents experimental hypertension. 2010 , 122, 2529-37	189
798 797		189
	hypertension. 2010 , 122, 2529-37 Jak2 Tyrosine Kinase: A Potential Therapeutic Target for AT1 Receptor Mediated Cardiovascular	
797	hypertension. 2010, 122, 2529-37 Jak2 Tyrosine Kinase: A Potential Therapeutic Target for AT1 Receptor Mediated Cardiovascular Disease. 2010, 3, 3478-3493 Circulating monocyte subpopulations with high expression of angiotensin-converting enzyme	3
797 796	hypertension. 2010, 122, 2529-37 Jak2 Tyrosine Kinase: A Potential Therapeutic Target for AT1 Receptor Mediated Cardiovascular Disease. 2010, 3, 3478-3493 Circulating monocyte subpopulations with high expression of angiotensin-converting enzyme predict mortality in patients with end-stage renal disease. 2010, 25, 2265-72 Increased ANG II sensitivity following recovery from acute kidney injury: role of oxidant stress in	3 52
797 796 795	hypertension. 2010, 122, 2529-37 Jak2 Tyrosine Kinase: A Potential Therapeutic Target for AT1 Receptor Mediated Cardiovascular Disease. 2010, 3, 3478-3493 Circulating monocyte subpopulations with high expression of angiotensin-converting enzyme predict mortality in patients with end-stage renal disease. 2010, 25, 2265-72 Increased ANG II sensitivity following recovery from acute kidney injury: role of oxidant stress in skeletal muscle resistance arteries. 2010, 298, R1682-91 Refractory blood pressure in female SHR to increased oxidative stress is not mediated by NO or by	3 52 16
797 796 795 794	Jak2 Tyrosine Kinase: A Potential Therapeutic Target for AT1 Receptor Mediated Cardiovascular Disease. 2010, 3, 3478-3493 Circulating monocyte subpopulations with high expression of angiotensin-converting enzyme predict mortality in patients with end-stage renal disease. 2010, 25, 2265-72 Increased ANG II sensitivity following recovery from acute kidney injury: role of oxidant stress in skeletal muscle resistance arteries. 2010, 298, R1682-91 Refractory blood pressure in female SHR to increased oxidative stress is not mediated by NO or by upregulation of renal antioxidant enzymes. 2010, 298, R266-71	3 52 16
797 796 795 794 793	Jak2 Tyrosine Kinase: A Potential Therapeutic Target for AT1 Receptor Mediated Cardiovascular Disease. 2010, 3, 3478-3493 Circulating monocyte subpopulations with high expression of angiotensin-converting enzyme predict mortality in patients with end-stage renal disease. 2010, 25, 2265-72 Increased ANG II sensitivity following recovery from acute kidney injury: role of oxidant stress in skeletal muscle resistance arteries. 2010, 298, R1682-91 Refractory blood pressure in female SHR to increased oxidative stress is not mediated by NO or by upregulation of renal antioxidant enzymes. 2010, 298, R266-71 Endothelial dysfunction, inflammation, and apoptosis in diabetes mellitus. 2010, 2010, 792393 Impaired endothelial progenitor cell activity is associated with reduced arterial elasticity in patients	3 52 16 11 209

(2010-2010)

789	Sprague-Dawley rats. 2010 , 299, F815-20	17
788	Kinin B1 receptor upregulation by angiotensin II and endothelin-1 in rat vascular smooth muscle cells: receptors and mechanisms. 2010 , 299, H1625-32	30
787	Upregulation of Nox1 in vascular smooth muscle leads to impaired endothelium-dependent relaxation via eNOS uncoupling. 2010 , 299, H673-9	133
786	NAD(P)H oxidases in coronary artery disease. 2010 , 50, 65-86	17
785	Pentaerythritol tetranitrate improves angiotensin II-induced vascular dysfunction via induction of heme oxygenase-1. 2010 , 55, 897-904	55
784	Homocysteine-induced oxidative stress upregulates chymase in mouse mastocytoma cells. 2010 , 33, 149-54	10
783	Hypertension alone or related to the metabolic syndrome in postmenopausal women. 2010 , 8, 1541-8	15
782	Role of endothelin-1 receptor blockers on hemodynamic parameters and oxidative stress. 2010 , 62, 28-34	32
781	The Role of Oxidative Stress in Endothelial Dysfunction and Vascular Inflammation. 2010, 705-754	7
78c	Association of increased reactive oxygen species production with abdominal obesity in type 2 diabetes. 2010 , 4, e83-e162	15
779	Losartan prevents portal hypertension-induced, redox-mediated endothelial dysfunction in the mesenteric artery in rats. 2010 , 138, 1574-84	42
778	Fasudil, a Rho-kinase inhibitor, attenuates induction and progression of cerebral aneurysms: experimental study in rats using vascular corrosion casts. 2010 , 470, 76-80	10
777	Therapeutic potential of endothelin receptor antagonists for chronic proteinuric renal disease in humans. 2010 , 1802, 1203-13	32
776	Ageing and neurodegenerative diseases. 2010 , 9 Suppl 1, S36-46	137
775	Membrane raft redox signalosomes in endothelial cells. 2010 , 44, 831-42	32
774	Resveratrol improves cardiovascular function and reduces oxidative organ damage in the renal, cardiovascular and cerebral tissues of two-kidney, one-clip hypertensive rats. 2010 , 62, 1784-93	62
773	Oxidants and Endothelial Dysfunction. 2010 , 243-274	4
772	Relationship of the CYBA Gene Polymorphisms with Oxidative Stress and Cardiovascular Risk. 2010 , 169-186	0

771	ramipril, or both: The ONgoing Telmisartan Alone and in combination with Ramipril Global Endpoint Trial/Telmisartan Randomized AssessmeNt Study in ACE iNtolerant subjects with cardiovascular Disease (ONTARGET/TRANSCEND) Trials. 2010, 121, 1439-46	142
770	Red wine: A drink to your heart. 2010 , 1, 171-6	30
769	Association of elevated blood pressure and impaired vasorelaxation in experimental Sprague-Dawley rats fed with heated vegetable oil. 2010 , 9, 66	31
768	Hypertension, obesity, and inflammation: the complex designs of a deadly trio. 2010 , 8, 287-94	24
767	Adventitial fibroblasts in vascular structure and function: the role of oxidative stress and beyond. 2010 , 88, 177-86	23
766	Relationship among superoxide-related enzyme, PPARs, and endothelium-dependent relaxation in murine aortas previously organ-cultured in high-glucose conditions. 2010 , 88, 760-9	2
765	Novel paramagnetic AT1 receptor antagonists. 2011 , 47, 12083-5	10
764	Antihypertensive and cardiovascular effects of catechin-rich oil palm (Elaeis guineensis) leaf extract in nitric oxide-deficient rats. 2011 , 14, 775-83	23
763	Hypertension in postmenopausal women: pathophysiology and treatment. 2011 , 18, 13-8	12
762	Oxidative stress and endothelial dysfunction in hypertension. 2011 , 34, 665-73	284
762 761	Oxidative stress and endothelial dysfunction in hypertension. 2011 , 34, 665-73 Angiotensin II receptor blocker, losartan, ameliorates gentamicin-induced oxidative stress and nephrotoxicity in rats. 2011 , 87, 232-40	284
	Angiotensin II receptor blocker, losartan, ameliorates gentamicin-induced oxidative stress and	
761	Angiotensin II receptor blocker, losartan, ameliorates gentamicin-induced oxidative stress and nephrotoxicity in rats. 2011 , 87, 232-40 Olmesartan improves endothelial function in hypertensive patients: link with extracellular	17
761 760	Angiotensin II receptor blocker, losartan, ameliorates gentamicin-induced oxidative stress and nephrotoxicity in rats. 2011 , 87, 232-40 Olmesartan improves endothelial function in hypertensive patients: link with extracellular superoxide dismutase. 2011 , 34, 686-92 Role of angiotensin II type 1 receptor in angiotensin II-induced cytokine production in	17
761 760 759	Angiotensin II receptor blocker, losartan, ameliorates gentamicin-induced oxidative stress and nephrotoxicity in rats. 2011 , 87, 232-40 Olmesartan improves endothelial function in hypertensive patients: link with extracellular superoxide dismutase. 2011 , 34, 686-92 Role of angiotensin II type 1 receptor in angiotensin II-induced cytokine production in macrophages. 2011 , 31, 351-61	17 28 49
761 760 759 758	Angiotensin II receptor blocker, losartan, ameliorates gentamicin-induced oxidative stress and nephrotoxicity in rats. 2011, 87, 232-40 Olmesartan improves endothelial function in hypertensive patients: link with extracellular superoxide dismutase. 2011, 34, 686-92 Role of angiotensin II type 1 receptor in angiotensin II-induced cytokine production in macrophages. 2011, 31, 351-61 Hypertension in diabetic nephropathy: epidemiology, mechanisms, and management. 2011, 18, 28-41	17 28 49
761 760 759 758 757	Angiotensin II receptor blocker, losartan, ameliorates gentamicin-induced oxidative stress and nephrotoxicity in rats. 2011, 87, 232-40 Olmesartan improves endothelial function in hypertensive patients: link with extracellular superoxide dismutase. 2011, 34, 686-92 Role of angiotensin II type 1 receptor in angiotensin II-induced cytokine production in macrophages. 2011, 31, 351-61 Hypertension in diabetic nephropathy: epidemiology, mechanisms, and management. 2011, 18, 28-41 Cardiorenal Protection in Diabetes Mellitus. 2011, 353-363 Vascular dysfunction in streptozotocin-induced experimental diabetes strictly depends on insulin	17 28 49 103

753	Angiotensin II induced catabolic effect and muscle atrophy are redox dependent. 2011, 409, 217-21	69
752	Redox regulation of protein kinases as a modulator of vascular function. 2011 , 15, 1531-47	87
751	Regulation of Angiotensin II receptor signaling by cysteine modification of NF-B. 2011, 25, 112-7	21
750	Lisinopril inhibits endothelin-1 in the early period of hepatic reperfusion injury in a partial hepatectomy model. 2011 , 43, 2524-30	6
749	Lipid raft redox signaling: molecular mechanisms in health and disease. 2011 , 15, 1043-83	83
748	Effect of peptide-based captopril analogues on angiotensin converting enzyme activity and peroxynitrite-mediated tyrosine nitration. 2011 , 9, 5185-92	12
747	Synthesis, characterization and antioxidant activity of angiotensin converting enzyme inhibitors. 2011 , 9, 1356-65	39
746	Reactive oxygen species and vascular biology: implications in human hypertension. 2011 , 34, 5-14	308
745	Differential regulation of Nox1, Nox2 and Nox4 in vascular smooth muscle cells from WKY and SHR. 2011 , 5, 137-53	75
744	Mitochondrial aldehyde dehydrogenase prevents ROS-induced vascular contraction in angiotensin-II hypertensive mice. 2011 , 5, 154-60	30
743	Oxidative Stress and Vascular Damage in Hypertension: Role of Angiotensin II. 2011 , 2011, 916310	66
742	Vascular inflammation and endothelial dysfunction in experimental hypertension. 2011 , 2011, 281240	91
741	Cyclophilin A: A Mediator of Cardiovascular Pathology. 2011 , 17, 133	O
740	Effects of Angiotensin II and Shear Stress Interaction on Vascular Inflammation. 2011 , 17, 17	
739	Effects of glutathione-depleting drug buthionine sulfoximine and aging on activity of endothelium-derived relaxing and contracting factors in carotid artery of Sprague-Dawley rats. 2011 , 58, 272-83	6
738	Genetic interleukin-10 deficiency causes vascular remodeling via the upregulation of Nox1. 2011 , 29, 2116-25	18
737	Endothelial function and the effects of aldosterone blockade. 2011 , 13, B21-B26	1
736	Pathophysiological roles of NADPH oxidase/nox family proteins in the vascular systemReview and perspective 2011 , 75, 1791-800	67

735	Pharmacology in health foods: improvement of vascular endothelial function by French maritime pine bark extract (Flavangenol). 2011 , 115, 461-5		15
734	The neuroprotective action of candesartan is related to interference with the early stages of 6-hydroxydopamine-induced dopaminergic cell death. 2011 , 34, 1141-8		12
733	Therapeutic effect of enhancing endothelial nitric oxide synthase (eNOS) expression and preventing eNOS uncoupling. 2011 , 164, 213-23		187
73²	Telmisartan, ramipril and their combination improve endothelial function in different tissues in a murine model of cholesterol-induced atherosclerosis. 2011 , 163, 804-14		23
731	Cardiovascular risk, drugs and erectile functiona systematic analysis. 2011 , 65, 289-98		83
730	Losartan abolishes oxidative stress induced by intermittent hypoxia in humans. 2011 , 589, 5529-37		35
729	Rac1 activation induces tumour necrosis factor-lexpression and cardiac dysfunction in endotoxemia. 2011 , 15, 1109-21		13
728	Altered regulation of renal nitric oxide and atrial natriuretic peptide systems in angiotensin II-induced hypertension. 2011 , 170, 31-7		13
727	Ginkgo biloba extract (EGb 761) normalizes hypertension in 2K, 1C hypertensive rats: role of antioxidant mechanisms, ACE inhibiting activity and improvement of endothelial dysfunction. 2011 , 18, 641-7		56
726	The effect of nebivolol on asymmetric dimethylarginine system in spontaneously hypertension rats. 2011 , 54, 36-43		25
725	Angiotensin II receptors and drug discovery in cardiovascular disease. 2011 , 16, 22-34		80
724	Inhibition of soluble epoxide hydrolase attenuates endothelial dysfunction in animal models of diabetes, obesity and hypertension. 2011 , 654, 68-74		58
723	Removal of HDDand generation of superoxide radical: role of cytochrome c and NADH. 2011 , 51, 160-70		42
722	Oxidases and peroxidases in cardiovascular and lung disease: new concepts in reactive oxygen species signaling. 2011 , 51, 1271-88		193
721	Cardiovascular-renal and metabolic characterization of a rat model of polycystic ovary syndrome. 2011 , 8, 103-15		59
720	Clinical aspects of static magnetic field effects on circulatory system. 2011 , 31, 97-106		3
719	Angiotensin II downregulates catalase expression and activity in vascular adventitial fibroblasts through an AT1R/ERK1/2-dependent pathway. <i>Molecular and Cellular Biochemistry</i> , 2011 , 358, 21-9	2	15
718	NADPH oxidases in cardiovascular disease: insights from in vivo models and clinical studies. 2011 , 106, 735-47		129

717	Differential effects of heart rate reduction with ivabradine in two models of endothelial dysfunction and oxidative stress. 2011 , 106, 1147-58	28
716	An ethanolic extract of Lindera obtusiloba stems causes NO-mediated endothelium-dependent relaxations in rat aortic rings and prevents angiotensin II-induced hypertension and endothelial dysfunction in rats. 2011 , 383, 635-45	10
715	Etiopathology of chronic tubular, glomerular and renovascular nephropathies: clinical implications. 2011 , 9, 13	100
7 1 4	Exacerbation of thrombotic events by diesel exhaust particle in mouse model of hypertension. 2011 , 285, 39-45	31
713	Telmisartan provides protection against development of impaired vasodilation independently of metabolic effects in SHRSP.Z-Lepr(fa)/IzmDmcr rats with metabolic syndrome. 2011 , 89, 355-64	15
712	Ryanodine receptor: a new therapeutic target to control diabetic cardiomyopathy. 2011 , 15, 1847-61	19
711	Lysozyme M-positive monocytes mediate angiotensin II-induced arterial hypertension and vascular dysfunction. 2011 , 124, 1370-81	332
710	Nitric oxide modulates reactivity to angiotensin II in internal mammary arterial grafts in hypertensive patients without associated risk factors. 2011 , 33, 27-33	9
709	Interleukin-10 released by CD4(+)CD25(+) natural regulatory T cells improves microvascular endothelial function through inhibition of NADPH oxidase activity in hypertensive mice. 2011 , 31, 2534-42	131
708	Upregulation of heme oxygenase 1 by hemin impairs endothelium-dependent contractions in the aorta of the spontaneously hypertensive rat. 2011 , 58, 926-34	20
707	Chronic fine particulate matter exposure induces systemic vascular dysfunction via NADPH oxidase and TLR4 pathways. 2011 , 108, 716-26	217
706	Vascular dysfunction in experimental diabetes is improved by pentaerithrityl tetranitrate but not isosorbide-5-mononitrate therapy. 2011 , 60, 2608-16	76
705	Moderate caveolin-1 downregulation prevents NADPH oxidase-dependent endothelial nitric oxide synthase uncoupling by angiotensin II in endothelial cells. 2011 , 31, 2098-105	45
704	Monocyte angiotensin converting enzyme expression may be associated with atherosclerosis rather than arteriosclerosis in hemodialysis patients. 2011 , 6, 505-11	21
703	Role of T lymphocytes in angiotensin II-mediated microvascular thrombosis. 2011 , 58, 959-65	29
702	Oxidative stress and endothelin-1 in atherosclerotic renal artery stenosis and effects of renal angioplasty. <i>Kidney and Blood Pressure Research</i> , 2011 , 34, 396-403	10
701	High salt intake delayed angiotensin II-induced hypertension in mice with a genetic variant of NADPH oxidase. 2011 , 24, 114-8	19
700	Involvement of vascular peroxidase 1 in angiotensin II-induced vascular smooth muscle cell proliferation. 2011 , 91, 27-36	60

699	Vascular smooth muscle Jak2 mediates angiotensin II-induced hypertension via increased levels of reactive oxygen species. 2011 , 91, 171-9	31
698	Reduction of circulating superoxide dismutase activity in type 2 diabetic patients with microalbuminuria and its modulation by telmisartan therapy. 2011 , 34, 1302-8	23
697	Candesartan and amlodipine combination therapy provides powerful vascular protection in stroke-prone spontaneously hypertensive rats. 2011 , 34, 245-52	9
696	Downregulation of the antioxidant protein peroxiredoxin 2 contributes to angiotensin II-mediated podocyte apoptosis. 2011 , 80, 959-969	33
695	Adventitia-derived hydrogen peroxide impairs relaxation of the rat carotid artery via smooth muscle cell p38 mitogen-activated protein kinase. 2011 , 15, 1507-15	24
694	Renal oxidative stress, oxygenation, and hypertension. 2011 , 301, R1229-41	60
693	Angiotensin II plays a critical role in diabetic pulmonary fibrosis most likely via activation of NADPH oxidase-mediated nitrosative damage. 2011 , 301, E132-44	41
692	Regulation of blood pressure and salt homeostasis by endothelin. 2011 , 91, 1-77	304
691	High salt intake accelerated cardiac remodeling in spontaneously hypertensive rats: time window of left ventricular functional transition and its relation to salt-loading doses. 2011 , 33, 492-9	15
690	Infiltrating T lymphocytes in the kidney increase oxidative stress and participate in the development of hypertension and renal disease. 2011 , 300, F734-42	107
689	The Modulatory Role of Heme Oxygenase on Subpressor Angiotensin II-Induced Hypertension and Renal Injury. 2012 , 2012, 392890	8
688	Effects of cyclooxygenase inhibition on cardiovascular function in a hypercholesterolemic swine model of chronic ischemia. 2012 , 302, H479-88	9
687	Cytochrome P450 1B1 contributes to renal dysfunction and damage caused by angiotensin II in mice. 2012 , 59, 348-54	41
686	Asymmetric dimethylarginine and reactive oxygen species: unwelcome twin visitors to the cardiovascular and kidney disease tables. 2012 , 59, 375-81	68
685	NADPH oxidase 4 mediates flow-induced superoxide production in thick ascending limbs. 2012 , 303, F1151-6	24
684	Effect of angiotensin receptor blockade on insulin sensitivity and endothelial function in abdominally obese hypertensive patients with impaired fasting glucose. 2012 , 122, 193-202	22
683	Involvement of cytochrome P-450 1B1 in renal dysfunction, injury, and inflammation associated with angiotensin II-induced hypertension in rats. 2012 , 302, F408-20	23
682	Renin-Angiotensin system hyperactivation can induce inflammation and retinal neural dysfunction. 2012 , 2012, 581695	30

681	Soluble guanylyl cyclase is a target of angiotensin II-induced nitrosative stress in a hypertensive rat model. 2012 , 303, H597-604	36
680	Contribution of oxidative stress to endothelial dysfunction in hypertension. 2012 , 3, 441	78
679	From form to function: the role of Nox4 in the cardiovascular system. 2012 , 3, 412	108
678	Persistent oxidative stress following renal ischemia-reperfusion injury increases ANG II hemodynamic and fibrotic activity. 2012 , 302, F1494-502	59
677	Dahl salt-sensitive rats are protected against vascular defects related to diet-induced obesity. 2012 , 60, 404-10	20
676	Low plasma level of atrial natriuretic peptide predicts development of diabetes: the prospective Malmo Diet and Cancer study. 2012 , 97, 638-45	105
675	NADPH oxidase-derived H(2)O(2) contributes to angiotensin II-induced aldosterone synthesis in human and rat adrenal cortical cells. 2012 , 17, 445-59	22
674	Modulation of renal superoxide dismutase by telmisartan therapy in C57BL/6-Ins2(Akita) diabetic mice. 2012 , 35, 213-20	40
673	Intravital microscopy reveals endothelial dysfunction in resistance arterioles in Angiotensin II-induced hypertension. 2012 , 35, 855-61	11
672	Cellular oxidative stress and peroxisomal enzyme activities in pediatric liver transplant patients. 2012 , 21, 264-70	4
671	Asymmetric dimethylarginine reduces nitric oxide donor-mediated dilation of arterioles by activating the vascular renin-angiotensin system and reactive oxygen species. 2012 , 49, 363-72	12
670	Varicose veins: role of mechanotransduction of venous hypertension. 2012 , 2012, 538627	27
669	Response to Tetrahydrobiopterin and Endothelial Nitric Oxide Synthase Uncoupling. 2012, 59,	
668	The metabolic syndrome, oxidative stress, environment, and cardiovascular disease: the great exploration. 2012 , 2012, 271028	109
667	Cardiovascular antioxidant therapy: a review of supplements, pharmacotherapies, and mechanisms. 2012 , 20, 77-83	80
666	Effect of aliskiren treatment on endothelium-dependent vasodilation and aortic stiffness in essential hypertensive patients. 2012 , 33, 1530-8	48
665	Erratum. 2012 , 44, 854-858	
664	Differential Earrestin-dependent conformational signaling and cellular responses revealed by angiotensin analogs. 2012 , 5, ra33	119

663	Phosphorylation of smooth muscle 22 Facilitates angiotensin II-induced ROS production via activation of the PKC P47 phox axis through release of PKC and actin dynamics and is associated with hypertrophy and hyperplasia of vascular smooth muscle cells in vitro and in vivo. 2012 , 111, 697-707	43
662	Aldosterone and angiotensin: Role in diabetes and cardiovascular diseases. 2012 , 697, 1-12	66
661	Activation of AMP-activated protein kinase 2 by nicotine instigates formation of abdominal aortic aneurysms in mice in vivo. 2012 , 18, 902-10	181
660	Effect of exercise training on nitric oxide and superoxide/HDBignaling pathways in collateral-dependent porcine coronary arterioles. 2012 , 112, 1546-55	26
659	HSP90 inhibition by 17-DMAG attenuates oxidative stress in experimental atherosclerosis. 2012 , 95, 116-23	56
658	Antioxidant activity of peptide-based angiotensin converting enzyme inhibitors. 2012, 10, 2237-47	14
657	Stimulation of reactive oxygen species and collagen synthesis by angiotensin II in cardiac fibroblasts. 2012 , 30, e1-8	54
656	Activation of PPARIzounteracts angiotensin II-induced ROS generation by inhibiting rac1 translocation in vascular smooth muscle cells. 2012 , 46, 912-9	25
655	Scavenging of NADPH oxidase-derived superoxide anions improves depressed baroreflex sensitivity in spontaneously hypertensive rats. 2012 , 39, 373-8	22
654	Role of the renin-angiotensin system in the pathogenesis of intimal hyperplasia: therapeutic potential for prevention of vein graft failure?. 2012 , 26, 1130-44	12
653	Loss of angiotensin-converting enzyme-2 exacerbates diabetic cardiovascular complications and leads to systolic and vascular dysfunction: a critical role of the angiotensin II/AT1 receptor axis. 2012 , 110, 1322-35	125
652	Contribution of cytochrome P450 1B1 to hypertension and associated pathophysiology: a novel target for antihypertensive agents. 2012 , 98, 69-74	28
651	Immunomodulatory effect of candesartan on indomethacin-induced gastric ulcer in rats. 2012, 34, 956-61	4
650	Papel de la angiotensina II en el proceso ateroscler t ico. 2012 , 24, 92-101	
649	Vascular effects and antioxidant activity of two Combretum species from Democratic Republic of Congo. 2012 , 142, 194-200	14
648	Red wine polyphenols improve an established aging-related endothelial dysfunction in the mesenteric artery of middle-aged rats: role of oxidative stress. 2012 , 419, 381-7	47
647	Molecular mechanisms of hypertensionreactive oxygen species and antioxidants: a basic science update for the clinician. 2012 , 28, 288-95	167
646	Increased expression of NAD(P)H oxidase subunit p67(phox) in the renal medulla contributes to excess oxidative stress and salt-sensitive hypertension. 2012 , 15, 201-8	111

645	Targeted interception of signaling reactive oxygen species in the vascular endothelium. 2012, 3, 263-76	30
644	Mitogen-Activated Protein Kinase and Natural Phenolic Compounds in Cardiovascular Remodeling. 2012 , 38, 159-190	1
643	⊞ipoic acid reduces hypertension and increases baroreflex sensitivity in renovascular hypertensive rats. 2012 , 17, 13357-67	23
642	Apocynum venetum leaf extract, an antihypertensive herb, inhibits rat aortic contraction induced by angiotensin II: a nitric oxide and superoxide connection. 2012 , 143, 565-71	18
641	Novel diallyldisulfide analogs ameliorate cardiovascular remodeling in rats with L-NAME-induced hypertension. 2012 , 691, 198-208	29
640	Dual action molecules: bioassays of combined novel antioxidants and angiotensin II receptor antagonists. 2012 , 695, 96-103	8
639	Relationship between NADPH oxidase p22phox C242T, PARP-1 Val762Ala polymorphisms, angiographically verified coronary artery disease and myocardial infarction in South Indian patients with type 2 diabetes mellitus. 2012 , 130, e259-65	18
638	Angiotensin receptor blockade recovers hepatic UCP2 expression and aconitase and SDH activities and ameliorates hepatic oxidative damage in insulin resistant rats. 2012 , 153, 5746-59	19
637	Oxidative stress, Noxs, and hypertension: experimental evidence and clinical controversies. 2012 , 44 Suppl 1, S2-16	129
636	Recoupling the cardiac nitric oxide synthases: tetrahydrobiopterin synthesis and recycling. 2012 , 9, 200-10	79
635	Evaluation of the endothelial function in hypertensive patients with 13N-ammonia PET. 2012 , 19, 979-86	18
635 634	Evaluation of the endothelial function in hypertensive patients with 13N-ammonia PET. 2012 , 19, 979-86 Endothelial dysfunction and hypertension in aging. 2012 , 35, 1039-47	18
634	Endothelial dysfunction and hypertension in aging. 2012 , 35, 1039-47	
634	Endothelial dysfunction and hypertension in aging. 2012 , 35, 1039-47 Oxidative Stress, Endothelial Dysfunction, and Its Impact on Smooth Muscle Signaling. 2012 , 1219-1229	
634 633	Endothelial dysfunction and hypertension in aging. 2012, 35, 1039-47 Oxidative Stress, Endothelial Dysfunction, and Its Impact on Smooth Muscle Signaling. 2012, 1219-1229 G-Protein-Coupled Receptors in the Heart. 2012, 87-112 Grape-derived polyphenols improve aging-related endothelial dysfunction in rat mesenteric artery:	126
634 633 632	Endothelial dysfunction and hypertension in aging. 2012, 35, 1039-47 Oxidative Stress, Endothelial Dysfunction, and Its Impact on Smooth Muscle Signaling. 2012, 1219-1229 G-Protein-Coupled Receptors in the Heart. 2012, 87-112 Grape-derived polyphenols improve aging-related endothelial dysfunction in rat mesenteric artery: role of oxidative stress and the angiotensin system. 2012, 7, e32039	126 45

627	Hyperbilirubinemia, augmentation of endothelial function, and decrease in oxidative stress in Gilbert syndrome. 2012 , 126, 598-603	79
626	The NADPH oxidase family and its inhibitors. 2012 , 60, 277-94	85
625	Role of angiotensin and endothelin in testicular ischemia reperfusion injury. 2012 , 19, 257-63	7
624	Oxidative stress and enhanced sympathetic vasoconstriction in contracting muscles of nitrate-tolerant rats and humans. 2012 , 590, 395-407	33
623	The regulation of blood perfusion in the renal cortex and medulla by reactive oxygen species and nitric oxide in the anaesthetised rat. 2012 , 204, 443-50	25
622	Epicatechin lowers blood pressure, restores endothelial function, and decreases oxidative stress and endothelin-1 and NADPH oxidase activity in DOCA-salt hypertension. 2012 , 52, 70-9	128
621	Effect of AT1 receptor blockade on intermittent hypoxia-induced endothelial dysfunction. 2012 , 183, 67-74	32
620	Airway resistance, inflammation and oxidative stress following exposure to diesel exhaust particle in angiotensin II-induced hypertension in mice. 2012 , 292, 162-8	25
619	Irbesartan promotes erection recovery after nerve-sparing radical retropubic prostatectomy: a retrospective long-term analysis. 2012 , 110, 1782-6	13
618	Microvascular dysfunction: an emerging pathway in the pathogenesis of obesity-related insulin resistance. 2013 , 14, 29-38	47
617	The mosaic theory revisited: common molecular mechanisms coordinating diverse organ and cellular events in hypertension. 2013 , 7, 68-74	51
616	Valsartan attenuates oxidative stress and NF- B activation and reduces myocardial apoptosis after ischemia and reperfusion. 2013 , 705, 140-7	21
615	Magnolol protects against oxidative stress-mediated neural cell damage by modulating mitochondrial dysfunction and PI3K/Akt signaling. 2013 , 50, 469-81	40
614	Iron deficiency anemia in heart failure. 2013 , 18, 485-501	17
613	17-IDestradiol prevents cardiovascular dysfunction in post-menopausal metabolic syndrome by affecting SIRT1/AMPK/H3 acetylation. 2013 , 170, 779-95	47
612	Oxidative stress in patients with obstructive sleep apnea syndrome. 2013 , 17, 549-55	42
611	Lipid peroxidation and paraoxonase activity in nocturnal cyclic and sustained intermittent hypoxia. 2013 , 17, 365-71	9
610	Loss of oxidative stress tolerance in hypertension is linked to reduced catalase activity and increased c-Jun NH2-terminal kinase activation. 2013 , 56, 112-22	10

609	Extracellular but not cytosolic superoxide dismutase protects against oxidant-mediated endothelial dysfunction. 2013 , 1, 292-6		17
608	Hydrogen peroxide modulates phenylephrine-induced contractile response in renal hypertensive rat aorta. 2013 , 721, 193-200		21
607	Inhibition of central angiotensin II enhances memory function and reduces oxidative stress status in rat hippocampus. 2013 , 43, 79-88		56
606	Benazepril inhibited the NF- B and TGF-Ihetworking on LV hypertrophy in rats. 2013 , 152, 126-34		5
605	Impaired NADPH oxidase activity in peripheral blood lymphocytes of galactosemia patients. 2013 , 238, 779-86		7
604	Oxidative stress in agingmatters of the heart and mind. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 17897-925	6.3	68
603	CD40L contributes to angiotensin II-induced pro-thrombotic state, vascular inflammation, oxidative stress and endothelial dysfunction. 2013 , 108, 386		50
602	Oral supplementation with the rutin improves cardiovagal baroreflex sensitivity and vascular reactivity in hypertensive rats. 2013 , 38, 1099-106		28
601	Emerging role of oxidative stress in metabolic syndrome and cardiovascular diseases: important role of Rac/NADPH oxidase. 2013 , 231, 290-300		84
600	Nitrosonifedipine ameliorates angiotensin II-induced vascular remodeling via antioxidative effects. 2013 , 386, 29-39		11
599	Voltage-dependent N-type Ca2+ channels in endothelial cells contribute to oxidative stress-related endothelial dysfunction induced by angiotensin II in mice. 2013 , 434, 210-6		10
598	Pharmacological inhibition of inducible nitric oxide synthase (iNOS) and nicotinamide adenine dinucleotide phosphate (NADPH) oxidase, convalesce behavior and biochemistry of hypertension induced vascular dementia in rats. 2013 , 103, 821-30		26
597	ET-1-induced growth promoting responses involving ERK1/2 and PKB signaling and Egr-1 expression are mediated by Ca2+/CaM-dependent protein kinase-II in vascular smooth muscle cells. 2013 , 54, 428-35		14
596	Angiotensin-converting enzyme 2 antagonizes angiotensin II-induced pressor response and NADPH oxidase activation in Wistar-Kyoto rats and spontaneously hypertensive rats. 2013 , 98, 109-22		52
595	Ischemic Renal Disease. 2013 , 2577-2604		
594	Effects of taxifolin on the activity of angiotensin-converting enzyme and reactive oxygen and nitrogen species in the aorta of aging rats and rats treated with the nitric oxide synthase inhibitor and dexamethasone. 2013 , 35, 2089-97		17
593	The pathogenesis and management of hypertension in diabetic kidney disease. 2013 , 97, 31-51		14
592	Cross talk between ceramide and redox signaling: implications for endothelial dysfunction and renal disease. 2013 , 171-97		26

591 Wine Polyphenols and Vascular Protective Effects. **2013**, 2361-2380

590	Increased oxidative stress in obesity: implications for metabolic syndrome, diabetes, hypertension, dyslipidemia, atherosclerosis, and cancer. 2013 , 7, e330-41	380
589	Redox signaling in cardiovascular health and disease. 2013 , 61, 473-501	144
588	Resveratrol prevents hypertension and cardiac hypertrophy in hypertensive rats and mice. 2013 , 1832, 1723-33	137
587	Role of mitochondrial oxidative stress in hypertension. 2013 , 305, H1417-27	124
586	Diversity in mechanisms of endothelium-dependent vasodilation in health and disease. Microcirculation, 2013 , 20, 239-47	112
585	Angiotensin II, NADPH oxidase, and redox signaling in the vasculature. 2013 , 19, 1110-20	287
584	Effects of peroxisome proliferator-activated receptor-lactivation in endothelin-dependent hypertension. 2013 , 99, 622-31	21
583	Toll-like receptor 4 mutation protects obese mice against endothelial dysfunction by decreasing NADPH oxidase isoforms 1 and 4. 2013 , 33, 777-84	87
582	Angiotensin-II-derived reactive oxygen species on baroreflex sensitivity during hypertension: new perspectives. 2013 , 4, 105	20
581	Role of the NADPH oxidases in the subfornical organ in angiotensin II-induced hypertension. 2013 , 61, 382-7	83
580	Nigella sativa and Its Protective Role in Oxidative Stress and Hypertension. 2013 , 2013, 120732	35
579	Sustained cardiovascular actions of APJ agonism during renin-angiotensin system activation and in patients with heart failure. 2013 , 6, 482-91	82
578	Oxidative stress exaggerates skeletal muscle contraction-evoked reflex sympathoexcitation in rats with hypertension induced by angiotensin II. 2013 , 304, H142-53	21
577	Antioxidant-based therapies for angiotensin II-associated cardiovascular diseases. 2013, 304, R917-28	46
576	Antihypertensive actions of moderate hyperbilirubinemia: role of superoxide inhibition. 2013 , 26, 918-23	18
575	Deficiency of Nox2 prevents angiotensin II-induced inward remodeling in cerebral arterioles. 2013 , 4, 133	25
574	Redox signaling is an early event in the pathogenesis of renovascular hypertension. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 18640-56	14

573	Mitochondria oxidative stress, connexin43 remodeling, and sudden arrhythmic death. 2013 , 6, 623-31		80
572	The effect of high salt intake on endothelial function: reduced vascular nitric oxide in the absence of hypertension. 2013 , 50, 458-67		60
571	Darkness at the end of the tunnel: poststenotic kidney injury. 2013 , 28, 245-53		17
570	Losartan reduces oxidative stress within the rostral ventrolateral medulla of rats with renovascular hypertension. 2013 , 26, 858-65		34
569	ADAMTS-7 expression increases in the early stage of angiotensin II-induced renal injury in elderly mice. <i>Kidney and Blood Pressure Research</i> , 2013 , 38, 121-31	3.1	11
568	Oxidative stress and cardiovascular health: therapeutic potential of polyphenols. 2013 , 91, 198-212		34
567	Treatment with the cytochrome P450 Ehydroxylase inhibitor HET0016 attenuates cerebrovascular inflammation, oxidative stress and improves vasomotor function in spontaneously hypertensive rats. 2013 , 168, 1878-88		46
566	Oxidative Stress and Obesity: Their Impact on Metabolic Syndrome. 2013 , 275-281		
565	Powerful vascular protection by combining cilnidipine with valsartan in stroke-prone, spontaneously hypertensive rats. 2013 , 36, 342-8		22
564	Roles of Na+/H+ exchanger type 1 and intracellular pH in angiotensin II-induced reactive oxygen species generation and podocyte apoptosis. 2013 , 122, 176-83		10
563	NADPH oxidase as a therapeutic target for oxalate induced injury in kidneys. 2013 , 2013, 462361		42
562	Attenuation of Apoptosis by Telmisartan in Atherosclerotic Plaques of Apolipoprotein E加Mice: Evaluation Using Technetium 99mぬnnexin A5. 2013 , 12, 7290.2012.00045		6
561	Atrial natriuretic peptide and type 2 diabetes developmentbiomarker and genotype association study. 2014 , 9, e89201		32
560	Probiotics (VSL#3) prevent endothelial dysfunction in rats with portal hypertension: role of the angiotensin system. 2014 , 9, e97458		36
559	Effect of the antihypertensive drug enalapril on oxidative stress markers and antioxidant enzymes in kidney of spontaneously hypertensive rat. 2014 , 2014, 608512		43
558	Effect of the Camu-camu (Myrciaria dubia) Pericarp Extract on the Protein Expression of Endothelial Nitric Oxide Synthase and Angiotensin II Type 1 Receptors in Spontaneously Hypertensive Rats. 2014 , 72, 33-40		
557	Pathophysiology of Hypertension. 2014 , 1-54		
556	Sex and Gender Differences in Cardiovascular-Renal Diseases and Hypertension. 2014 , 6, 1-97		

555	Effects of salt status and blockade of mineralocorticoid receptors on aldosterone-induced cardiac injury. 2014 , 37, 125-33	17
554	The milk-derived peptides Val-Pro-Pro and Ile-Pro-Pro attenuate arterial dysfunction in L-NAME-treated rats. 2014 , 37, 703-7	21
553	ROS, Notch, and Wnt signaling pathways: crosstalk between three major regulators of cardiovascular biology. 2014 , 2014, 318714	47
552	Angiotensin II-induced endothelial dysfunction is temporally linked with increases in interleukin-6 and vascular macrophage accumulation. 2014 , 5, 396	44
551	Oxidative stress markers and C-reactive protein are related to severity of heart failure in patients with dilated cardiomyopathy. 2014 , 2014, 147040	27
550	The role of local renin-angiotensin system in arterial chemoreceptors in sleep-breathing disorders. 2014 , 5, 336	24
549	NADPH oxidase-derived reactive oxygen species contribute to impaired cutaneous microvascular function in chronic kidney disease. 2014 , 306, F1499-506	35
548	Glutathionylation mediates angiotensin II-induced eNOS uncoupling, amplifying NADPH oxidase-dependent endothelial dysfunction. 2014 , 3, e000731	59
547	Enhanced expression and activity of Nox2 and Nox4 in the macula densa in ANG II-induced hypertensive mice. 2014 , 306, F344-50	24
546	What will be Next?. 2014 , 221-234	
546 545	What will be Next?. 2014 , 221-234 ACE2 deficiency increases NADPH-mediated oxidative stress in the kidney. 2014 , 2, e00264	44
		44 7
545	ACE2 deficiency increases NADPH-mediated oxidative stress in the kidney. 2014 , 2, e00264	44 7 46
545 544	ACE2 deficiency increases NADPH-mediated oxidative stress in the kidney. 2014 , 2, e00264 Enhancing vascular relaxing effects of nitric oxide-donor ruthenium complexes. 2014 , 6, 825-38 Upregulation of a local renin-angiotensin system in the rat carotid body during chronic intermittent	7
545544543	ACE2 deficiency increases NADPH-mediated oxidative stress in the kidney. 2014, 2, e00264 Enhancing vascular relaxing effects of nitric oxide-donor ruthenium complexes. 2014, 6, 825-38 Upregulation of a local renin-angiotensin system in the rat carotid body during chronic intermittent hypoxia. 2014, 99, 220-31 Characterization of blood pressure and endothelial function in TRPV4-deficient mice with l-NAME-	7 46
545544543542	ACE2 deficiency increases NADPH-mediated oxidative stress in the kidney. 2014, 2, e00264 Enhancing vascular relaxing effects of nitric oxide-donor ruthenium complexes. 2014, 6, 825-38 Upregulation of a local renin-angiotensin system in the rat carotid body during chronic intermittent hypoxia. 2014, 99, 220-31 Characterization of blood pressure and endothelial function in TRPV4-deficient mice with l-NAME-and angiotensin II-induced hypertension. 2014, 2, e00199 Cyclooxygenases 1 and 2 differentially regulate blood pressure and cerebrovascular responses to	7 46 29
545544543542541	ACE2 deficiency increases NADPH-mediated oxidative stress in the kidney. 2014, 2, e00264 Enhancing vascular relaxing effects of nitric oxide-donor ruthenium complexes. 2014, 6, 825-38 Upregulation of a local renin-angiotensin system in the rat carotid body during chronic intermittent hypoxia. 2014, 99, 220-31 Characterization of blood pressure and endothelial function in TRPV4-deficient mice with l-NAME-and angiotensin II-induced hypertension. 2014, 2, e00199 Cyclooxygenases 1 and 2 differentially regulate blood pressure and cerebrovascular responses to acute and chronic intermittent hypoxia: implications for sleep apnea. 2014, 3, e000875 Combined therapeutic benefit of mitochondria-targeted antioxidant, MitoQ10, and angiotensin	7 46 29 30

(2014-2014)

537	Total flavonoids from Plumula Nelumbinis suppress angiotensin II-induced fractalkine production by inhibiting the ROS/NF- B pathway in human umbilical vein endothelial cells. 2014 , 7, 1187-1192	14
536	Lentil-based diets attenuate hypertension and large-artery remodelling in spontaneously hypertensive rats. 2014 , 111, 690-8	17
535	The Renin-Angiotensin-aldosterone system in vascular inflammation and remodeling. 2014 , 2014, 689360	212
534	Inflammatory monocytes determine endothelial nitric-oxide synthase uncoupling and nitro-oxidative stress induced by angiotensin II. 2014 , 289, 27540-50	81
533	Mitochondrial redox signaling: Interaction of mitochondrial reactive oxygen species with other sources of oxidative stress. 2014 , 20, 308-24	170
532	Protective effect of telmisartan against progressive oxidative brain damage and synuclein phosphorylation in stroke-resistant spontaneously hypertensive rats. 2014 , 23, 1545-53	9
531	Roles of adiponectin and oxidative stress in obesity-associated metabolic and cardiovascular diseases. 2014 , 15, 1-10	114
530	Potential approaches to reverse or repair renal fibrosis. 2014 , 10, 226-37	134
529	Cellular mechanisms and physiological consequences of redox-dependent signalling. 2014 , 15, 411-21	1221
528	NADPH oxidases in vascular pathology. 2014 , 20, 2794-814	310
528 527	NADPH oxidases in vascular pathology. 2014 , 20, 2794-814 Genetic susceptibility to nosocomial pneumonia, acute respiratory distress syndrome and poor outcome in patients at risk of critical illness. 2014 , 37, 295-305	310 9
	Genetic susceptibility to nosocomial pneumonia, acute respiratory distress syndrome and poor	
527	Genetic susceptibility to nosocomial pneumonia, acute respiratory distress syndrome and poor outcome in patients at risk of critical illness. 2014 , 37, 295-305 Diabetic cardiomyopathy: mechanisms and new treatment strategies targeting antioxidant	9
527 526	Genetic susceptibility to nosocomial pneumonia, acute respiratory distress syndrome and poor outcome in patients at risk of critical illness. 2014 , 37, 295-305 Diabetic cardiomyopathy: mechanisms and new treatment strategies targeting antioxidant signaling pathways. 2014 , 142, 375-415 Interleukin 17 drives vascular inflammation, endothelial dysfunction, and arterial hypertension in	9 354
527 526 525	Genetic susceptibility to nosocomial pneumonia, acute respiratory distress syndrome and poor outcome in patients at risk of critical illness. 2014, 37, 295-305 Diabetic cardiomyopathy: mechanisms and new treatment strategies targeting antioxidant signaling pathways. 2014, 142, 375-415 Interleukin 17 drives vascular inflammation, endothelial dysfunction, and arterial hypertension in psoriasis-like skin disease. 2014, 34, 2658-68 NADPH oxidase 1, a novel molecular source of ROS in hippocampal neuronal death in vascular	9 354 140
527 526 525 524	Genetic susceptibility to nosocomial pneumonia, acute respiratory distress syndrome and poor outcome in patients at risk of critical illness. 2014, 37, 295-305 Diabetic cardiomyopathy: mechanisms and new treatment strategies targeting antioxidant signaling pathways. 2014, 142, 375-415 Interleukin 17 drives vascular inflammation, endothelial dysfunction, and arterial hypertension in psoriasis-like skin disease. 2014, 34, 2658-68 NADPH oxidase 1, a novel molecular source of ROS in hippocampal neuronal death in vascular dementia. 2014, 21, 533-50 Estrogen metabolism by cytochrome P450 1B1 modulates the hypertensive effect of angiotensin II	9 354 140 56
527 526 525 524 523	Genetic susceptibility to nosocomial pneumonia, acute respiratory distress syndrome and poor outcome in patients at risk of critical illness. 2014, 37, 295-305 Diabetic cardiomyopathy: mechanisms and new treatment strategies targeting antioxidant signaling pathways. 2014, 142, 375-415 Interleukin 17 drives vascular inflammation, endothelial dysfunction, and arterial hypertension in psoriasis-like skin disease. 2014, 34, 2658-68 NADPH oxidase 1, a novel molecular source of ROS in hippocampal neuronal death in vascular dementia. 2014, 21, 533-50 Estrogen metabolism by cytochrome P450 1B1 modulates the hypertensive effect of angiotensin II in female mice. 2014, 64, 134-40	9 354 140 56 44

519	Enhanced angiotensin-converting enzyme activity and systemic reactivity to angiotensin II in normotensive rats exposed to a high-sodium diet. 2014 , 60, 67-74	18
518	The cooperative roles of inflammation and oxidative stress in the pathogenesis of hypertension. 2014 , 20, 102-20	121
517	Role of microangiopathy in diabetic cardiomyopathy. 2014 , 19, 25-33	58
516	Reactive oxygen species, vascular Noxs, and hypertension: focus on translational and clinical research. 2014 , 20, 164-82	190
515	Effects of Dietary Chrysin Supplementation on Blood Pressure and Oxidative Status of Rats Fed a High-Fat High-Sucrose Diet. 2014 , 20, 295-300	4
514	C242T polymorphism of the NADPH oxidase p22PHOX gene and its association with endothelial dysfunction in asymptomatic individuals with essential systemic hypertension. 2014 , 9, 1857-62	12
513	[Drug development for cardiorenal disease based on oxidative stress control]. 2014 , 134, 715-9	2
512	The Cardiovascular Clock. 2015 , 119-133	
511	Reactive oxygen species in endothelial function - from disease to adaptation 2015 , 79, 1145-55	61
510	Reduction in blood pressure improves impaired nitroglycerine-induced vasodilation in patients with essential hypertension. 2015 , 38, 862-8	3
509	Salt, Angiotensin II, Superoxide, and Endothelial Function. 2015 , 6, 215-54	24
508	Angiotensin and mineralocorticoid receptor antagonism attenuates cardiac oxidative stress in angiotensin II-infused rats. 2015 , 42, 1178-88	13
507	Oxidative status in the macula densa modulates tubuloglomerular feedback responsiveness in angiotensin II-induced hypertension. 2015 , 213, 249-58	15
506	Therapeutic potential of resveratrol in heart failure. 2015 , 1348, 32-45	42
505	Blood pressure-lowering medication and erectile dysfunction. 2015 , 292, 1127-1130	
504	Enzymatic antioxidant system in vascular inflammation and coronary artery disease. 2015 , 5, 218-24	74
503	Pleiotropic Effects of Angiotensin II Receptor Signaling in Cardiovascular Homeostasis and Aging. 2015 , 56, 249-54	35
502	Mamao Pomace Extract Alleviates Hypertension and Oxidative Stress in Nitric Oxide Deficient Rats. 2015 , 7, 6179-94	15

(2015-2015)

501	Combined aliskiren and L-arginine treatment has antihypertensive effects and prevents vascular endothelial dysfunction in a model of renovascular hypertension. 2015 , 48, 65-76	12
500	The relevance of the Renin-Angiotensin system in the development of drugs to combat preeclampsia. 2015 , 2015, 572713	17
499	Vascular Damage in Resistant Hypertension: TNF-Alpha Inhibition Effects on Endothelial Cells. 2015 , 2015, 631594	23
498	Smooth muscle specific overexpression of p22phox potentiates carotid artery wall thickening in response to injury. 2015 , 2015, 305686	3
497	Effect of oxidative stress on Rho kinase II and smooth muscle contraction in rat stomach. 2015 , 93, 405-11	7
496	Vitamin D cell signalling in health and disease. 2015 , 460, 53-71	101
495	TLR4 as a possible key regulator of pathological vascular remodeling by Ang II receptor activation. 2015 , 38, 642-3	4
494	The effects of chronic candesartan treatment on cardiac and hepatic adenosine monophosphate-activated protein kinase in rats submitted to surgical stress. 2015 , 16, 481-7	2
493	Vascular Smooth Muscle Sirtuin-1 Protects Against Aortic Dissection During Angiotensin II-Induced Hypertension. 2015 , 4, e002384	42
492	Matrix Metalloproteinase 2 as a Potential Mediator of Vascular Smooth Muscle Cell Migration and Chronic Vascular Remodeling in Hypertension. 2015 , 52, 221-31	84
491	Cytosolic phospholipase A2\(\text{H}\)s critical for angiotensin II-induced hypertension and associated cardiovascular pathophysiology. 2015 , 65, 784-92	19
490	Role of Angiotensin II type 1 receptor on renal NAD(P)H oxidase, oxidative stress and inflammation in nitric oxide inhibition induced-hypertension. <i>Life Sciences</i> , 2015 , 124, 81-90	59
489	Morphological restructuring of myocardium during the early phase of experimental diabetes mellitus. 2015 , 298, 396-407	6
488	The human ATF1 rs11169571 polymorphism increases essential hypertension risk through modifying miRNA binding. 2015 , 589, 2087-93	16
487	Disruption of the cytochrome P-450 1B1 gene exacerbates renal dysfunction and damage associated with angiotensin II-induced hypertension in female mice. 2015 , 308, F981-92	10
486	Regulation of Nox enzymes expression in vascular pathophysiology: Focusing on transcription factors and epigenetic mechanisms. 2015 , 5, 358-366	82
485	Nox4-dependent activation of cofilin mediates VSMC reorientation in response to cyclic stretching. 2015 , 85, 288-94	17
484	Thromboxane prostanoid receptors enhance contractions, endothelin-1, and oxidative stress in microvessels from mice with chronic kidney disease. 2015 , 65, 1055-63	17

483	(2R,3S)-Pinobanksin-3-cinnamate improves cognition and reduces oxidative stress in rats with vascular dementia. 2015 , 69, 358-65	17
482	The renin-angiotensin system and its involvement in vascular disease. 2015 , 763, 3-14	72
481	Angiotensin II type I receptor blockade attenuates reflex cutaneous vasoconstriction in aged but not young skin. 2015 , 308, H1215-20	14
480	Oxidative stress and DNA methylation regulation in the metabolic syndrome. 2015 , 7, 283-300	59
479	Inflammation, immunity, and hypertensive end-organ damage. 2015 , 116, 1022-33	396
478	Arterial Smooth Muscle Mitochondria Amplify Hydrogen Peroxide Microdomains Functionally Coupled to L-Type Calcium Channels. 2015 , 117, 1013-23	24
477	Vascular nitric oxide: Beyond eNOS. 2015 , 129, 83-94	403
476	Bartter/Gitelman syndromes as a model to study systemic oxidative stress in humans. 2015 , 88, 51-8	11
475	Drug Evaluation: Olmesartan Medoxomil + Rosuvastatin for the Treatment of Dyslipidemia and Concomitant Risk Factors: A Chance for Better Compliance?. 2015 , 191-200	1
474	Nogo-B regulates endothelial sphingolipid homeostasis to control vascular function and blood pressure. 2015 , 21, 1028-1037	64
473	Superoxide enhances Ca2+ entry through L-type channels in the renal afferent arteriole. 2015, 66, 374-81	17
472	Enalapril Normalizes Endothelium-Derived Hyperpolarizing Factor-Mediated Relaxation in Mesenteric Artery of Adult Hypertensive Rats Prenatally Exposed to Testosterone. 2015 , 92, 155	9
471	International Union of Basic and Clinical Pharmacology. XCIX. Angiotensin Receptors: Interpreters of Pathophysiological Angiotensinergic Stimuli [corrected]. 2015 , 67, 754-819	182
470	The association between daily physical activity and plasma B-type natriuretic peptide in patients with glucose intolerance: a cross-sectional study. 2015 , 5, e006276	16
469	Myeloid Suppressor Cells Accumulate and Regulate Blood Pressure in Hypertension. 2015, 117, 858-69	54
468	Obesity, Oxidative Stress, Adipose Tissue Dysfunction, and the Associated Health Risks: Causes and Therapeutic Strategies. 2015 , 13, 423-44	401
467	Acute and subchronic exposure to air particulate matter induces expression of angiotensin and bradykinin-related genes in the lungs and heart: Angiotensin-II type-I receptor as a molecular target of particulate matter exposure. 2015 , 12, 17	45
466	Exercise training protects against atherosclerotic risk factors through vascular NADPH oxidase, extracellular signal-regulated kinase 1/2 and stress-activated protein kinase/c-Jun N-terminal kinase downregulation in obese rats. 2015 , 42, 179-85	24

465	Functional sympatholysis in hypertension. 2015 , 188, 64-8	23
464	Endothelial Cell Dysfunction. 2015 , 181-207	1
463	NADPH oxidases: an overview from structure to innate immunity-associated pathologies. 2015 , 12, 5-23	487
462	Metabolic Syndrome and Preeclampsia. 2015 , 133-160	2
461	Exercise Training Attenuates Upregulation of p47(phox) and p67(phox) in Hearts of Diabetic Rats. 2016 , 2016, 5868913	10
460	Update on RAAS Modulation for the Treatment of Diabetic Cardiovascular Disease. 2016 , 2016, 8917578	45
459	Association of Systemic Arterial Properties With Right Ventricular Morphology: The Multi-Ethnic Study of Atherosclerosis (MESA)-Right Ventricle Study. 2016 , 5,	8
458	Synergistic Antihypertensive Effect of Carthamus tinctorius L. Extract and Captopril in L-NAME-Induced Hypertensive Rats via Restoration of eNOS and ATR Expression. 2016 , 8, 122	31
457	Type-1 angiotensin receptor signaling in central nervous system myeloid cells is pathogenic during fatal alphavirus encephalitis in mice. 2016 , 13, 196	6
456	The Protective Effect of Antioxidants Consumption on Diabetes and Vascular Complications. 2016 , 4,	40
455	Soluble fms-like tyrosine kinase 1 promotes angiotensin II sensitivity in preeclampsia. <i>Journal of Clinical Investigation</i> , 2016 , 126, 2561-74	76
454	Olmesartan Inhibits Cardiac Hypertrophy in Mice Overexpressing Renin Independently of Blood Pressure: Its Beneficial Effects on ACE2/Ang(1-7)/Mas Axis and NADPH Oxidase Expression. 2016 , 67, 503-9	22
453	Reactive oxygen species derived from NADPH oxidase 1 and mitochondria mediate angiotensin II-induced smooth muscle cell senescence. 2016 , 98, 18-27	31
452	Reactive oxygen species, oxidative stress, and cardiovascular diseases. 2016 , 281-306	3
45 ¹	The Pathophysiological Role of NOX2 in Hypertension and Organ Damage. 2016 , 23, 355-364	16
450	Cyanidin-3-glucoside attenuates angiotensin II-induced oxidative stress and inflammation in vascular endothelial cells. 2016 , 260, 67-67	28
449	Renal endothelial function is associated with the anti-proteinuric effect of ACE inhibition in 5/6 nephrectomized rats. 2016 , 310, F1047-53	3
448	Cardiovascular and Metabolic Effects of AB🏿 an Amazon Plant. 2016 , 68, 19-26	21

447	Genetic depletion of glutathione peroxidase-1 potentiates nephrotoxicity induced by multiple doses of cocaine via activation of angiotensin II AT1 receptor. 2016 , 50, 467-83	10
446	Aldosterone-Induced Vascular Remodeling and Endothelial Dysfunction Require Functional Angiotensin Type 1a Receptors. 2016 , 67, 897-905	34
445	Farnesyl pyrophosphate synthase inhibitor, ibandronate, improves endothelial function in spontaneously hypertensive rats. 2016 , 13, 3787-96	8
444	6EHydroxytestosterone, a Cytochrome P450 1B1-Testosterone-Metabolite, Mediates Angiotensin II-Induced Renal Dysfunction in Male Mice. 2016 , 67, 916-26	17
443	Protein DJ-1 and its anti-oxidative stress function play an important role in renal cell mediated response to profibrotic agents. 2016 , 12, 1842-59	11
442	Angiotensin II induces interleukin-6 expression in astrocytes: Role of reactive oxygen species and NF-B. 2016 , 437, 130-141	22
441	NADPH oxidases: key modulators in aging and age-related cardiovascular diseases?. 2016 , 130, 317-35	95
440	Flax lignan concentrate attenuate hypertension and abnormal left ventricular contractility via modulation of endogenous biomarkers in two-kidney-one-clip (2K1C) hypertensive rats. 2016 , 26, 601-610	4
439	Drug Treatment of Hypertension: Focus on Vascular Health. 2016 , 76, 1529-1550	34
438	Genetic and Pharmacologic Inhibition of the Chemokine Receptor CXCR2 Prevents Experimental Hypertension and Vascular Dysfunction. 2016 , 134, 1353-1368	80
437	The role of CEA-related cell adhesion molecule-1 (CEACAM1) in vascular homeostasis. 2016 , 146, 657-671	13
436	Inhibiting renin angiotensin system in rate limiting step by aliskiren as a new approach for preventing indomethacin induced gastric ulcers. 2016 , 258, 266-75	17
435	Haloperidol aggravates transverse aortic constriction-induced heart failure via mitochondrial dysfunction. 2016 , 131, 172-83	17
434	Angiotensin 2 type 1 receptor blockade different affects postishemic kidney injury in normotensive and hypertensive rats. 2016 , 72, 813-820	6
433	Modulating Vascular Hemodynamics With an Alpha Globin Mimetic Peptide (Hbℍ). 2016 , 68, 1494-1503	16
432	c-Src Inhibition Improves Cardiovascular Function but not Remodeling or Fibrosis in Angiotensin II-Induced Hypertension. 2016 , 68, 1179-1190	22
431	Protection of endothelial cells against Ang II-induced impairment: Involvement of both PPAR\u00e4nd nd PPAR\u00cd in PI3K/Akt pathway. 2016 , 38, 571-577	6
430	The role of natriuretic peptides in diabetes and its complications. 2016 , 84, 1826-1832	7

(2016-2017)

429	Chronic restraint stress increases angiotensin II potency in the rat carotid: role of cyclooxygenases and reactive oxygen species. 2017 , 69, 52-65	5
428	NOX2 amplifies acetaldehyde-mediated cardiomyocyte mitochondrial dysfunction in alcoholic cardiomyopathy. 2016 , 6, 32554	34
427	Association between renin and atherosclerotic burden in subjects with and without type 2 diabetes. 2016 , 16, 171	9
426	Quinapril decreases antifibrinolytic and prooxidative potential of propofol in arterial thrombosis in hypertensive rats. 2016 , 17, 1470320316647239	9
425	Improvement of endothelial function in a murine model of mild cholesterol-induced atherosclerosis by mineralocorticoid antagonism. 2016 , 251, 291-298	10
424	Protective effects of Astragalus polysaccharides against endothelial dysfunction in hypertrophic rats induced by isoproterenol. 2016 , 38, 306-12	17
423	Early life stress in male mice induces superoxide production and endothelial dysfunction in adulthood. 2016 , 310, H1267-74	18
422	Aliskiren improves endothelium-dependent relaxation of thoracic aorta by activating PI3K/Akt/eNOS signal pathway in SHR. 2016 , 43, 450-8	16
421	Prenatal hypoxia enhanced angiotensin II-mediated vasoconstriction via increased oxidative signaling in fetal rats. 2016 , 60, 21-8	20
420	Damaging effects of hyperglycemia on cardiovascular function: spotlight on glucose metabolic pathways. 2016 , 310, H153-73	51
419	EArrestin-mediated Angiotensin II Signaling Controls the Activation of ARF6 Protein and Endocytosis in Migration of Vascular Smooth Muscle Cells. 2016 , 291, 3967-81	17
418	Calcium Handling in Pulmonary Vasculature Under Oxidative Stress: Focus on SERCA. 2016 , 207-226	1
417	Is enhancing cGMP-PKG signalling a promising therapeutic target for heart failure with preserved ejection fraction?. 2016 , 24, 268-74	32
416	Effects of tempol on altered metabolism and renal vascular responsiveness in fructose-fed rats. 2016 , 41, 210-8	3
415	Plasma kallikrein-bradykinin pathway promotes circulatory nitric oxide metabolite availability during hypoxia. 2016 , 55-56, 36-44	13
414	Redox Regulation of the Na+-K+ ATPase in the Cardiovascular System. 2016 , 323-338	
413	Role of Matrix Metalloproteinases in the Pathogenesis of Traumatic Brain Injury. 2016 , 53, 6106-6123	54
412	Factors regulating the renal circulation in spontaneously hypertensive rats. 2016 , 23, 441-51	7

411	Traumatic Brain Injury Causes Endothelial Dysfunction in the Systemic Microcirculation through Arginase-1-Dependent Uncoupling of Endothelial Nitric Oxide Synthase. 2017 , 34, 192-203	47
410	Thiol-Based Redox Modulation of Soluble Guanylyl Cyclase, the Nitric Oxide Receptor. 2017 , 26, 137-149	41
409	Crosstalk of mitochondria with NADPH oxidase via reactive oxygen and nitrogen species signalling and its role for vascular function. 2017 , 174, 1670-1689	153
408	Endothelium-dependent hyperpolarization: age, gender and blood pressure, do they matter?. 2017 , 219, 108-123	37
407	Puerarin protects against endothelial dysfunction and end-organ damage in Ang II-induced hypertension. 2017 , 39, 58-64	27
406	Reactive oxygen species mediate angiotensin II-induced transcytosis of low-density lipoprotein across endothelial cells. 2017 , 39, 629-635	15
405	Platelet-localized FXI promotes a vascular coagulation-inflammatory circuit in arterial hypertension. 2017 , 9,	53
404	Cytoglobin regulates blood pressure and vascular tone through nitric oxide metabolism in the vascular wall. <i>Nature Communications</i> , 2017 , 8, 14807 $^{17.4}$	54
403	Antioxidant therapy for management of oxidative stress induced hypertension. 2017 , 51, 428-438	51
402	Crucial Role of ROCK2-Mediated Phosphorylation and Upregulation of FHOD3 in the Pathogenesis of Angiotensin II-Induced Cardiac Hypertrophy. 2017 , 69, 1070-1083	25
401	Hypertension reduces soluble guanylyl cyclase expression in the mouse aorta via the Notch signaling pathway. 2017 , 7, 1334	31
400	Does endothelial tetrahydrobiopterin control the endothelial NO synthase coupling state in arterial resistance arteries?. 2017 , 174, 2422-2424	4
399	Taking up the cudgels for the traditional reactive oxygen and nitrogen species detection assays and their use in the cardiovascular system. 2017 , 12, 35-49	42
398	The role played by oxidative stress in evoking the exercise pressor reflex in health and simulated peripheral artery disease. 2017 , 595, 4365-4378	14
397	Phosphodiesterase 5 inhibition ameliorates angiotensin II-dependent hypertension and renal vascular dysfunction. 2017 , 312, F474-F481	22
396	Role of angiotensin II and angiotensin type-1 receptor in scorpion venom-induced cardiac and aortic tissue inflammation. 2017 , 102, 32-40	20
395	The opposing roles of NO and oxidative stress in cardiovascular disease. 2017 , 116, 57-69	56
394	Pathophysiology of acute heart failure syndrome: a knowledge gap. 2017 , 22, 621-639	9

393	EPA:DHA 6:1 prevents angiotensin II-induced hypertension and endothelial dysfunction in rats: role of NADPH oxidase- and COX-derived oxidative stress. 2017 , 40, 966-975	30
392	Fructose-rich diet differently affects angiotensin II receptor content in the nucleus and a plasma membrane fraction of visceral adipose tissue. 2017 , 42, 1254-1263	3
391	Long-term effects of a renin inhibitor versus a thiazide diuretic on arterial stiffness and left ventricular diastolic function in elderly hypertensive patients. 2017 , 313, R400-R409	4
390	Oxidative stress enhances and modulates protein S-nitrosation in smooth muscle cells exposed to S-nitrosoglutathione. 2017 , 69, 10-21	20
389	Estrogen attenuates AGTR1 expression to reduce pancreatic Etell death from high glucose. 2017 , 7, 16639	4
388	Associations of aldosterone and renin concentrations with inflammation-the Study of Health in Pomerania and the German Conn's Registry. 2017 , 57, 298-307	7
387	Guanylyl cyclase sensitivity to nitric oxide is protected by a thiol oxidation-driven interaction with thioredoxin-1. 2017 , 292, 14362-14370	18
386	NOX-mediated impairment of PDGF-induced DNA synthesis in peripheral blood lymphocytes of children with idiopathic nephrotic syndrome. 2017 , 82, 629-633	2
385	Effect of Euterpe oleracea Mart. Seeds Extract on Chronic Ischemic Renal Injury in Renovascular Hypertensive Rats. 2017 , 20, 1002-1010	13
384	Epidermal hydrogen peroxide is not increased in lesional and non-lesional skin of vitiligo. 2017 , 309, 31-42	3
383	Elemental steps of the thermodynamics of dihydropyrimidine: a new class of organic hydride donors. 2016 , 15, 197-206	3
382	Model of ontogenetic variability of the functional state of the organism in different regimes of motor activity. 2017 , 7, 201-207	
381	Essential Oil Composition, Antioxidant, Antidiabetic and Antihypertensive Properties of Two Afromomum Species. 2017 , 66, 51-63	25
380	Comparison of the role of the renin-angiotensin aldosterone system in the genesis of hypertension between two groups of nonhunting dogs and hunting dogs. 2017 , 41, 147-152	
379	The Future Challenge of Reactive Oxygen Species (ROS) in Hypertension: From Bench to Bed Side. International Journal of Molecular Sciences, 2017, 18, 6.3	51
378	A Mini-Review of the NADPH oxidases in Vascular Dementia: Correlation with NOXs and Risk Factors for VaD. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	18
377	The Importance of NADPH Oxidases and Redox Signaling in Angiogenesis. <i>Antioxidants</i> , 2017 , 6, 7.1	34
376	Flavonoids and Their Metabolites: Prevention in Cardiovascular Diseases and Diabetes. 2017 , 5,	37

375	NADPH Oxidase Deficiency: A Multisystem Approach. 2017 , 2017, 4590127	21
374	Interaction between interleukin-6 and angiotensin II receptor 1 in the hypothalamic paraventricular nucleus contributes to progression of heart failure. 2017 , 15, 4259-4265	1
373	Effects of high glucose with or without other metabolic substrates on alpha-adrenergic contractions in rat mesenteric and femoral arteries. 2017 , 21, 91-97	5
372	Recent Progress in Vascular Aging: Mechanisms and Its Role in Age-related Diseases. 2017 , 8, 486-505	36
371	Mercury-induced vascular dysfunction is mediated by angiotensin II AT-1 receptor upregulation. 2018 , 162, 287-296	8
370	Differential effects of long-term slow-pressor and subpressor angiotensin II on contractile and relaxant reactivity of resistance versus conductance arteries. 2018 , 6, e13623	1
369	Arsenic, cadmium, and mercury-induced hypertension: mechanisms and epidemiological findings. 2018 , 21, 61-82	42
368	Predictive value of serum soluble corin in the risk of hyperglycemia: A population-based prospective cohort study in China. 2018 , 479, 138-143	4
367	Effects of Angiotensin-Converting Enzyme Inhibition and Alpha 1-Adrenergic Receptor Blockade on Inflammation and Hemostasis in Human Hypertension. 2018 , 71, 240-247	9
366	Hypoxic challenge of hyperoxic pulmonary artery myocytes increases oxidative stress due to impaired mitochondrial superoxide dismutase activity. 2018 , 48, 195-202	5
365	Evaluation of the level of dynamic thiol/disulphide homeostasis in adolescent patients with newly diagnosed primary hypertension. 2018 , 33, 847-853	4
364	Correlation of plasma B-type natriuretic peptide levels with metabolic risk markers. 2018 , 151, 481-486	1
363	Exploring bioactive fraction of Sargassum wightii: In vitro elucidation of angiotensin-I-converting enzyme inhibition and antioxidant potential. 2018 , 21, 674-684	18
362	Comparative effects of avocado oil and losartan on blood pressure, renal vascular function, and mitochondrial oxidative stress in hypertensive rats. 2018 , 54, 60-67	18
361	Polyphenol-Rich Blackcurrant Juice Prevents Endothelial Dysfunction in the Mesenteric Artery of Cirrhotic Rats with Portal Hypertension: Role of Oxidative Stress and the Angiotensin System. 2018 , 21, 390-399	10
360	Low shear stress induces endothelial reactive oxygen species via the AT1R/eNOS/NO pathway. 2018 , 233, 1384-1395	23
359	Angiotensin Receptor Expression and Vascular Endothelial Dysfunction in Obstructive Sleep Apnea. 2018 , 31, 355-361	11
358	A protective role of G q -RGS2 loop activator on streptozotocin induced diabetic complications in rats: An independent on elevated serum glucose level modulation. 2018 , 818, 141-147	7

(2018-2018)

357	NRF2 prevents hypertension, increased ADMA, microvascular oxidative stress, and dysfunction in mice with two weeks of ANG II infusion. 2018 , 314, R399-R406	17
356	Angiotensin II Causes Neuronal Damage in Stretch-Injured Neurons: Protective Effects of Losartan, an Angiotensin T Receptor Blocker. 2018 , 55, 5901-5912	16
355	Protective effect of Xin-Ji-Er-Kang on cardiovascular remodeling in high salt-induced hypertensive mice. 2019 , 17, 1551-1562	3
354	Correlation of plasma B-type natriuretic peptide levels with metabolic risk markers. 2018 , 151, 481-486	
353	Superoxide Dismutase Activity in Small Mesenteric Arteries Is Downregulated by Angiotensin II but Not by Hypertension. 2018 , 34, 363-370	5
352	Long-Term Administration of Angiotensin (1-7) to Mice Reduces Oxidative Stress Damage in the Kidneys and Prevents Renal Dysfunction. 2018 , 2018, 1841046	7
351	Inhibition of Platelets by Clopidogrel Suppressed Ang II-Induced Vascular Inflammation, Oxidative Stress, and Remodeling. 2018 , 7, e009600	16
350	Oxidants and Endothelial Dysfunction. 2018 , 252-281	1
349	Phenolic content analysis in Psidium guajava leaves powder by HPLC-DAD system and in vivo renoprotective and antioxidant activities in fludrocortisone acetate-induced rats. 2018 , 42, e12687	5
348	The standardized extract of Nigella sativa and its major ingredient, thymoquinone, ameliorates angiotensin II-induced hypertension in rats. 2018 , 30, 51-58	17
347	Acylated ghrelin protects aorta damage post-MI via activation of eNOS and inhibition of angiotensin-converting enzyme induced activation of NAD(P)H-dependent oxidase. 2018 , 42, 416-429	6
346	G-Protein-Coupled Receptors in Heart Disease. 2018 , 123, 716-735	91
345	The importance of comorbidities in ischemic stroke: Impact of hypertension on the cerebral circulation. 2018 , 38, 2129-2149	79
344	Hemodynamic Forces in the Endothelium: From Mechanotransduction to Implications on Development of Atherosclerosis. 2018 , 85-95	9
343	Unexpected role of the human cytomegalovirus contribute to essential hypertension in the Kazakh Chinese population of Xinjiang. 2018 , 38,	5
342	Endothelial Alterations in Aging. 2018 , 237-251	O
341	Endothelial Function and Cardiovascular Risk Factors. 2018 , 513-526	O
340	Ionizing Radiation Enhances Activity of Angiotensin-Converting Enzyme in Rat Aorta. 2018 , 165, 216-219	8

339	Macrophage Depletion Lowered Blood Pressure and Attenuated Hypertensive Renal Injury and Fibrosis. 2018 , 9, 473	20
338	Pathogenesis of Hypertension. 2018 , 33-51	6
337	Liquiritin suppresses UVB-induced skin injury through prevention of inflammation, oxidative stress and apoptosis through the TLR4/MyD88/NF- B and MAPK/caspase signaling pathways. 2018 , 42, 1445-1459	33
336	Macrophage-dependent impairment of ⊞drenergic autoreceptor inhibition of Ca channels in sympathetic neurons from DOCA-salt but not high-fat diet-induced hypertensive rats. 2018 , 314, H863-H877	9
335	Effect of sex, menstrual cycle phase, and monophasic oral contraceptive pill use on local and central arterial stiffness in young adults. 2018 , 315, H357-H365	24
334	Copper transporters and copper chaperones: roles in cardiovascular physiology and disease. 2018 , 315, C186-C201	48
333	A global perspective on vasoactive agents in shock. 2018 , 44, 833-846	40
332	Lycopene-supplemented diet ameliorates cardiovascular remodeling and oxidative stress in rats with hypertension induced by Angiotensin II. <i>Journal of Functional Foods</i> , 2018 , 47, 279-287	12
331	Mathematical model of hypertension-induced arterial remodeling: A chemo-mechanical approach. 2018 , 303, 10-25	6
330	Monocytes as immune targets in arterial hypertension. 2019 , 176, 1966-1977	15
330 329	Monocytes as immune targets in arterial hypertension. 2019 , 176, 1966-1977 Hydration Status and Cardiovascular Function. 2019 , 11,	29
329	Hydration Status and Cardiovascular Function. 2019 , 11, In Vitro Vascular-Protective Effects of a Tilapia By-Product Oligopeptide on Angiotensin II-Induced	29
329	Hydration Status and Cardiovascular Function. 2019, 11, In Vitro Vascular-Protective Effects of a Tilapia By-Product Oligopeptide on Angiotensin II-Induced Hypertensive Endothelial Injury in HUVEC by Nrf2/NF-B Pathways. 2019, 17, Comparison of Mitochondrial Superoxide Detection Ex Vivo/In Vivo by mitoSOX HPLC Method with	29
329 328 327	Hydration Status and Cardiovascular Function. 2019, 11, In Vitro Vascular-Protective Effects of a Tilapia By-Product Oligopeptide on Angiotensin II-Induced Hypertensive Endothelial Injury in HUVEC by Nrf2/NF-B Pathways. 2019, 17, Comparison of Mitochondrial Superoxide Detection Ex Vivo/In Vivo by mitoSOX HPLC Method with Classical Assays in Three Different Animal Models of Oxidative Stress. Antioxidants, 2019, 8, 7.1	29 10 12
329 328 327 326	Hydration Status and Cardiovascular Function. 2019, 11, In Vitro Vascular-Protective Effects of a Tilapia By-Product Oligopeptide on Angiotensin II-Induced Hypertensive Endothelial Injury in HUVEC by Nrf2/NF-B Pathways. 2019, 17, Comparison of Mitochondrial Superoxide Detection Ex Vivo/In Vivo by mitoSOX HPLC Method with Classical Assays in Three Different Animal Models of Oxidative Stress. Antioxidants, 2019, 8, Endothelin: 30 Years From Discovery to Therapy. 2019, 74, 1232-1265	29 10 12 60
329 328 327 326 325	Hydration Status and Cardiovascular Function. 2019, 11, In Vitro Vascular-Protective Effects of a Tilapia By-Product Oligopeptide on Angiotensin II-Induced Hypertensive Endothelial Injury in HUVEC by Nrf2/NF-B Pathways. 2019, 17, Comparison of Mitochondrial Superoxide Detection Ex Vivo/In Vivo by mitoSOX HPLC Method with Classical Assays in Three Different Animal Models of Oxidative Stress. Antioxidants, 2019, 8, Endothelin: 30 Years From Discovery to Therapy. 2019, 74, 1232-1265 Oxidative Stress in Cardiovascular Diseases: Still a Therapeutic Target?. 2019, 11, Edoxaban Exerts Antioxidant Effects Through FXa Inhibition and Direct Radical-Scavenging Activity.	29 10 12 60 197

321	Childhood adversity and mechanistic links to hypertension risk in adulthood. 2019 , 176, 1932-1950		15
320	Effects and Mechanisms of Tea Regulating Blood Pressure: Evidences and Promises. 2019 , 11,		22
319	Apocynin and Tempol ameliorate dietary sodium-induced declines in cutaneous microvascular function in salt-resistant humans. 2019 , 317, H97-H103		15
318	Sex, Oxidative Stress, and Hypertension: Insights From Animal Models. 2019 , 34, 178-188		24
317	Association of glucose and blood pressure variability on oxidative stress in patients with type 2 diabetes mellitus and hypertension: a cross-sectional study. 2019 , 11, 29		10
316	Membrane raft redox signalling contributes to endothelial dysfunction and vascular remodelling of thoracic aorta in angiotensin II-infused rats. 2019 , 104, 946-956		3
315	Effects of Mandibular Extension on Pial Arteriolar Diameter Changes in Glucocorticoid-Induced Hypertensive Rats. 2019 , 10, 3		
314	Antihypertensive Drugs and Vascular Health. 2019 , 585-605		
313	The effects of estradiol and testosterone on renal tissues oxidative after central injection of angiotensin II in female doca - salt treated rats. 2018 , 37,		4
312	New Therapeutic Implications of Endothelial Nitric Oxide Synthase (eNOS) Function/Dysfunction in Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	5.3	102
312		5.3	102
	Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2019 , 20, Vascular Biology of Superoxide-Generating NADPH Oxidase 5-Implications in Hypertension and		42
311	Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2019 , 20, Vascular Biology of Superoxide-Generating NADPH Oxidase 5-Implications in Hypertension and Cardiovascular Disease. 2019 , 30, 1027-1040		42
311	Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2019 , 20, Vascular Biology of Superoxide-Generating NADPH Oxidase 5-Implications in Hypertension and Cardiovascular Disease. 2019 , 30, 1027-1040 Age-related differences in the cutaneous vascular response to exogenous angiotensin II. 2019 , 316, H516 NADPH oxidases and oxidase crosstalk in cardiovascular diseases: novel therapeutic targets. 2020 ,		42 11
311 310 309	Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2019 , 20, Vascular Biology of Superoxide-Generating NADPH Oxidase 5-Implications in Hypertension and Cardiovascular Disease. 2019 , 30, 1027-1040 Age-related differences in the cutaneous vascular response to exogenous angiotensin II. 2019 , 316, H516 NADPH oxidases and oxidase crosstalk in cardiovascular diseases: novel therapeutic targets. 2020 , 17, 170-194 Novel Invasive and Noninvasive Cardiac-Specific Biomarkers in Obesity and Cardiovascular Diseases.	5-H52 ⁻	42 11 149
311 310 309 308	Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2019 , 20, Vascular Biology of Superoxide-Generating NADPH Oxidase 5-Implications in Hypertension and Cardiovascular Disease. 2019 , 30, 1027-1040 Age-related differences in the cutaneous vascular response to exogenous angiotensin II. 2019 , 316, H516 NADPH oxidases and oxidase crosstalk in cardiovascular diseases: novel therapeutic targets. 2020 , 17, 170-194 Novel Invasive and Noninvasive Cardiac-Specific Biomarkers in Obesity and Cardiovascular Diseases. 2020 , 18, 10-30	5-H52 ⁻	42 11 149 24
311 310 309 308 307	Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2019 , 20, Vascular Biology of Superoxide-Generating NADPH Oxidase 5-Implications in Hypertension and Cardiovascular Disease. 2019 , 30, 1027-1040 Age-related differences in the cutaneous vascular response to exogenous angiotensin II. 2019 , 316, H516 NADPH oxidases and oxidase crosstalk in cardiovascular diseases: novel therapeutic targets. 2020 , 17, 170-194 Novel Invasive and Noninvasive Cardiac-Specific Biomarkers in Obesity and Cardiovascular Diseases. 2020 , 18, 10-30 Redox control of vascular biology. 2020 , 46, 246-262 The active components derived from Penthorum chinensePursh protect against	5-H52 ⁻	42 11 149 24

303	Intake of omega-3 formulation EPA:DHA 6:1 by old rats for 2´weeks improved endothelium-dependent relaxations and normalized the expression level of ACE/AT1R/NADPH oxidase and the formation of ROS in the mesenteric artery. 2020 , 173, 113749	13
302	Endothelial GLP-1 (Glucagon-Like Peptide-1) Receptor Mediates Cardiovascular Protection by Liraglutide In Mice With Experimental Arterial Hypertension. 2020 , 40, 145-158	68
301	Angiotensin II-induced superoxide and decreased glutathione in proximal tubules: effect of dietary fructose. 2020 , 318, F183-F192	4
300	Enhancement of glioblastoma multiforme therapy through a novel Quercetin-Losartan hybrid. 2020 , 160, 391-402	8
299	Loxoprofen Sodium Alleviates Oxidative Stress and Apoptosis Induced by Angiotensin II in Human Umbilical Vein Endothelial Cells (HUVECs). 2020 , 14, 5087-5096	3
298	Reactive Oxygen Species: Modulators of Phenotypic Switch of Vascular Smooth Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21, 6.3	18
297	Smooth muscle NADPH oxidase 4 promotes angiotensin II-induced aortic aneurysm and atherosclerosis by regulating osteopontin. 2020 , 1866, 165912	3
296	An overview of the classical and tissue-derived renin-angiotensin-aldosterone system and its genetic polymorphisms in essential hypertension. 2020 , 163, 108701	12
295	Gallic Acid Attenuates Angiotensin II-Induced Hypertension and Vascular Dysfunction by Inhibiting the Degradation of Endothelial Nitric Oxide Synthase. 2020 , 11, 1121	8
294	Superoxide-induced Type I collagen secretion depends on prolyl 4-hydroxylases. 2020 , 529, 1011-1017	4
293	The Role of Oxidative Stress in Physiopathology and Pharmacological Treatment with Pro- and Antioxidant Properties in Chronic Diseases. 2020 , 2020, 2082145	63
292	ADAM17-Mediated Shedding of Inflammatory Cytokines in Hypertension. 2020 , 11, 1154	25
291	Macrophage Depletion Improves Endothelial Insulin Resistance and Protects against Cardiovascular Injury in Salt-Sensitive Hypertension. 2020 , 2020, 5073762	1
290	Losartan and azelastine either alone or in combination as modulators for endothelial dysfunction and platelets activation in diabetic hyperlipidemic rats. 2020 , 72, 1812-1821	2
289	Oxidative stress and inflammation contribute to traffic noise-induced vascular and cerebral dysfunction via uncoupling of nitric oxide synthases. 2020 , 34, 101506	27
288	Sympathetic Activation in Hypertension: Importance of the Central Nervous System. 2020 , 33, 914-926	11
287	Tangeretin ameliorates erectile and testicular dysfunction in a rat model of hypertension. 2020 , 96, 1-10	4
286	Diminazene aceturate extenuate the renal deleterious consequences of angiotensin-II induced by Elrradiation through boosting ACE2 signaling cascade. <i>Life Sciences</i> , 2020 , 253, 117749	3

(2021-2020)

285	High Concentrations of Uric Acid and Angiotensin II Act Additively to Produce Endothelial Injury. 2020 , 2020, 8387654		8
284	Role of c-Abl in Ang II-induced aortic dissection formation: Potential regulatory efficacy on phenotypic transformation and apoptosis of VSMCs. <i>Life Sciences</i> , 2020 , 256, 117882	6.8	4
283	Use of a Combination of Insulin Sensitizers and Antioxidant Supplements in the Management of Pregnancy Hypertensive Disorders. 2020 , 33, 602-603		
282	Angiotensin II, Hypercholesterolemia, and Vascular Smooth Muscle Cells: A Perfect Trio for Vascular Pathology. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
281	Gender difference of association between plasma N-terminal pro-atrial natriuretic peptide and metabolic syndrome. 2020 , 19, 541-548		
280	Effect of green tea supplementation on blood pressure: A systematic review and meta-analysis of randomized controlled trials. 2020 , 99, e19047		11
279	Ageing reduces angiotensin II type 1 receptor antagonism mediated pre-conditioning effects in ischemic kidneys by inducing oxidative and inflammatory stress. 2020 , 135, 110892		3
278	AVE0991, a nonpeptide angiotensin-(1-7) mimic, inhibits angiotensin II-induced abdominal aortic aneurysm formation in apolipoprotein E knockout mice. 2020 , 98, 541-551		2
277	Angiotensin II and leukocyte trafficking: New insights for an old vascular mediator. Role of redox-signaling pathways. 2020 , 157, 38-54		16
276	6Hydroxytestosterone, a metabolite of testosterone generated by CYP1B1, contributes to vascular changes in angiotensin II-induced hypertension in male mice. 2020 , 11, 4		8
275	Therapeutic role of taurine as antioxidant in reducing hypertension risks in rats. 2020, 6, e03209		9
274	Adverse Cardiovascular Effects of Traffic Noise with a Focus on Nighttime Noise and the New WHO Noise Guidelines. 2020 , 41, 309-328		48
273	Autophagy in metabolic syndrome: breaking the wheel by targeting the renin-angiotensin system. 2020 , 11, 87		30
272	Tissue-specific relaxin-2 is differentially associated with the presence/size of an arterial aneurysm and the severity of atherosclerotic disease in humans. 2020 , 41, 745-752		2
271	Protective Effects of Short-Chain Fatty Acids on Endothelial Dysfunction Induced by Angiotensin II. 2020 , 11, 277		16
270	Reactive oxygen species in renal vascular function. 2020 , 229, e13477		12
269	Antihypertensive effects of Trichiurus lepturus myosin hydrolysate in spontaneously hypertensive rats. 2020 , 11, 3645-3656		2
268	COVID-19: the role of excessive cytokine release and potential ACE2 down-regulation in promoting hypercoagulable state associated with severe illness. 2021 , 51, 313-329		44

267	Fibroblast Nox2 (NADPH Oxidase-2) Regulates ANG II (Angiotensin II)-Induced Vascular Remodeling and Hypertension via Paracrine Signaling to Vascular Smooth Muscle Cells. 2021 , 41, 698-710	5
266	The homeostatic role of hydrogen peroxide, superoxide anion and nitric oxide in the vasculature. 2021 , 162, 615-635	15
265	Cellular and Molecular Processes in Pulmonary Hypertension. 2021 , 1304, 21-38	2
264	The Role of Glycocalyx and Caveolae in Vascular Homeostasis and Diseases. 2020 , 11, 620840	10
263	Beta-blockade Prevents Coronary Macro and Microvascular Dysfunction Induced by a High Salt Diet and Insulin Resistance in the Goto-Kakizaki Rat. 2021 ,	0
262	Therapeutic Potential of Metals in Managing the Metabolic Syndrome. 2021 , 119-148	
261	ACE/ACE2 balance might be instrumental to explain the certain comorbidities leading to severe COVID-19 cases. 2021 , 41,	4
260	AllReverses Adverse Cardiovascular Remodeling in Renovascular Hypertension: A Comparative Effect With Enalapril. 2021 , 77, 673-684	O
259	Ozone therapy for the treatment of COVID-19 pneumonia: A scoping review. 2021 , 92, 107307	8
258	Pharmacology of apocynin: a natural acetophenone. 2021 , 53, 542-562	4
257	The Role of the Renin-Angiotensin-Aldosterone System in Cardiovascular Disease: Pathogenetic Insights and Clinical Implications.	
256	Transportation noise pollution and cardiovascular disease. 2021 , 18, 619-636	45
255	Sulforaphane prevents angiotensin II-induced cardiomyopathy by activation of Nrf2 through epigenetic modification. 2021 , 25, 4408-4419	6
254	Oxidative Stress and Hypertension. 2021 , 128, 993-1020	36
253	Pathophysiology of Hypertension: The Mosaic Theory and Beyond. 2021 , 128, 847-863	22
252	Modulations of Cardiac Functions and Pathogenesis by Reactive Oxygen Species and Natural Antioxidants. <i>Antioxidants</i> , 2021 , 10,	3
251	Targeting Reactive Oxygen Species Metabolism to Induce Myeloma Cell Death. 2021, 13,	5
250	Role of the Renin-Angiotensin-Aldosterone System in Various Disease Processes: An Overview.	4

249	Systemic Administration of Tempol Attenuates the Cardiorespiratory Depressant Effects of Fentanyl. 2021 , 12, 690407	5
248	Protective Effects of Estrogen on Cardiovascular Disease Mediated by Oxidative Stress. 2021 , 2021, 5523516	5 7
247	NADPH Oxidases (NOX): An Overview from Discovery, Molecular Mechanisms to Physiology and Pathology. <i>Antioxidants</i> , 2021 , 10,	46
246	Thomas Willis Lecture: Targeting Brain Arterioles for Acute Stroke Treatment. 2021 , 52, 2465-2477	O
245	Oxidative Stress Links Aging-Associated Cardiovascular Diseases and Prostatic Diseases. 2021 , 2021, 5896136	3
244	In silico development of new candidate of NADPH oxidase inhibitor for hypertension treatment. 2021 , 819, 012071	1
243	Angiotensin II Induces Oxidative Stress and Endothelial Dysfunction in Mouse Ophthalmic Arteries via Involvement of AT1 Receptors and NOX2. <i>Antioxidants</i> , 2021 , 10,	7
242	A highly potent ruthenium(II)-sonosensitizer and sonocatalyst for in vivo sonotherapy. <i>Nature Communications</i> , 2021 , 12, 5001	24
241	Redox imbalance links COVID-19 and myalgic encephalomyelitis/chronic fatigue syndrome. 2021 , 118,	33
240	Deficiency of peroxisome proliferator-activated receptor lattenuates apoptosis and promotes migration of vascular smooth muscle cells. 2021 , 27, 101091	1
239	Direct comparison of inorganic nitrite and nitrate on vascular dysfunction and oxidative damage in experimental arterial hypertension. 2021 , 113-114, 57-69	0
238	Aircraft noise exposure drives the activation of white blood cells and induces microvascular dysfunction in mice. 2021 , 46, 102063	7
237	6EHydroxytestosterone Promotes Angiotensin II-Induced Hypertension via Enhanced Cytosolic Phospholipase AEActivity. 2021 , 78, 1053-1066	
236	Black tea is more effective than green tea in prevention of radiation-induced oxidative stress in the aorta of rats. 2021 , 142, 112064	2
235	Reactive Oxygen Species: Beyond Their Reactive Behavior. 2021 , 46, 77-87	14
234	The Syndrome of Insulin Resistance and Its Links to Atherosclerosis.	1
233	Pharmacological Compounds with Antioxidant Activity. 2006 , 167-194	2
232	ACE inhibitors and angiotensin II receptor antagonists. 2005 , 407-42	25

231	Oxidative Stress in Arterial Hypertension: Oxidative Stress and Hypertension. 2008, 51-78	1
230	Physiologic and Pathophysiologic Effects of Angiotensin in the Heart and Vessel Wall. 1999 , 107-124	1
229	Oxidative Stress in the Metabolic Syndrome. 2009 , 33-63	1
228	Antioxidant enzyme gene expression in congestive heart failure following myocardial infarction. 2003 , 9-15	3
227	Oxidants and Vascular Nitric Oxide Signaling. 2000 , 33-48	2
226	The Renin Angiotensin System in the Pahtogenesis of Diabetic Complications. 2000, 645-654	O
225	Cerebrovascular Disease in Type 1 Diabetes: Role of Oxidative Stress. 2014 , 13-36	3
224	Fatty Acids, Cell Signaling, and Cardiovascular Risk. 2007 , 187-203	1
223	Oxidative Stress and Hypoxia in the Pathogenesis of Diabetic Nephropathy. 2011, 559-586	5
222	The Roles of cAMP and G Protein Signaling in Oxidative Stress-Induced Cardiovascular Dysfunction. 2011 , 621-635	2
221	Oxidation-reduction sensitive regulation of vascular inflammatory gene expression. 1999 , 161-178	4
220	Molecular Pathways in Hypertensive Renal Damage. 2018 , 445-463	2
219	Pathophysiology of Hypertension. 2009 , 1485-1518	10
218	Oxidase Interactions in Cardiovascular Disease. 2014 , 849-876	3
217	Functional Adaptation and Remodeling of Arteries to Hemodynamic Forces: Role of Reactive Oxygen Species and the Vascular Renin-Angiotensin System. 2014 , 1213-1237	1
216	Nitric Oxide and Atherosclerosis. 2000 , 571-617	1
215	Microangiopathy-related cerebral damage and angiotensinogen gene: from epidemiology to biology. 2002 , 53-9	1
214	Antioxidants and Restenosis: Animal Studies. 2000 , 161-174	3

213	The Antioxidant Hypothesis. 2000 , 47-56	1
212	Nitric Oxide and Vascular Endothelial Dysfunction. 2000 , 547-567	7
211	Rac, Superoxide, and Signal Transduction. 2000 , 47-79	1
210	Physiology of Penile Erection and Pathophysiology of Erectile Dysfunction. 2012 , 688-720.e11	11
209	Nitric oxide donors. 2000 , 225, 200-6	103
208	Mechanical deformation of the arterial wall in hypertension: a mechanism for vascular pathology. 1998 , 316, 156-61	19
207	Normalization of Endothelial and Inducible Nitric Oxide Synthase Expression in Brain Microvessels of Spontaneously Hypertensive Rats by Angiotensin II AT1 Receptor Inhibition. 2003 , 371-380	35
206	Combination of ACE inhibitors and calcium antagonists: a logical approach. 1998, 31 Suppl 2, S5-16	23
205	Benefits of combination therapy in hypertensive patients with associated coronary artery disease: a subgroup with specific demands. 1998 , 31 Suppl 2, S27-33	3
204	Acute simultaneous stimulation of nitric oxide and oxygen radicals by angiotensin II in humans in vivo. 1999 , 33, 420-4	71
203	Angiotensin Converting Enzyme Inhibitors and Vascular Protection in Hypertension. 1999 , 34, S3-S12	4
202	Effects of doxazosin and atenolol on circulating endothelin-1 and von Willebrand factor in hypertensive middle-aged men. 1999 , 34, 584-8	22
201	The angiotensin II-receptor antagonist losartan does not prevent hemodynamic or vascular tolerance to nitroglycerin. 1999 , 34, 645-50	18
200	Tolerance to nitrates with enhanced radical formation suppressed by carvedilol. 1999 , 34, 800-5	20
199	Hypertension, nitric oxide and end-organ damage. 1999 , 8, 237-241	4
198	Nicotinamide adenine dinucleotide phosphate (reduced form) oxidase is important for LPS-induced endothelial cell activation. 2008 , 29, 553-9	14
197	Nitric Oxide Donors. 2000 , 225, 200-206	4
196	Opposing effects of oestradiol and progesterone on intracellular pathways and activation processes in the oxidative stress induced activation of cultured rat hepatic stellate cells. 2005 , 54, 1782-9	45

195	Reversing endothelial dysfunction with ACE inhibitors. A new trend. 1996 , 94, 240-3	61
194	Modulation of myocardial oxygen consumption through ACE inhibitors. NO effect?. 1997 , 95, 14-6	7
193	Oxidative stress produced by angiotensin too. Implications for hypertension and vascular injury. 1997 , 95, 557-9	27
192	Role of superoxide in angiotensin II-induced but not catecholamine-induced hypertension. 1997 , 95, 588-93	533
191	Vitamins C and E inhibit O2- production in the pig coronary artery. 1997 , 96, 3593-601	90
190	Angiotensin II-induced hypertension increases heme oxygenase-1 expression in rat aorta. 1997 , 96, 1923-9	84
189	Platelet-derived growth factor-stimulated superoxide anion production modulates activation of transcription factor NF-kappaB and expression of monocyte chemoattractant protein 1 in human aortic smooth muscle cells. 1997 , 96, 2361-7	180
188	Heme oxygenase-1 is regulated by angiotensin II in rat vascular smooth muscle cells. 1997 , 29, 790-5	41
187	Role for endothelin-1 in angiotensin II-mediated hypertension. 1997 , 30, 29-34	123
186	Endothelial dysfunction coincides with an enhanced nitric oxide synthase expression and superoxide anion production. 1997 , 30, 934-41	193
185	Monocyte chemoattractant protein-1 expression in aortic tissues of hypertensive rats. 1997 , 30, 1397-402	139
184	p22phox mRNA expression and NADPH oxidase activity are increased in aortas from hypertensive rats. 1997 , 80, 45-51	363
183	Vascular thrombin receptor regulation in hypertensive rats. 1997 , 80, 838-44	26
182	Pulsatile stretch stimulates superoxide production and activates nuclear factor-kappa B in human coronary smooth muscle. 1997 , 81, 797-803	136
181	Folate and Nitrate-Induced Endothelial Dysfunction. 2001 , 104, 1086-1088	25
180	Oxidant Stress as a Marker for Cardiovascular Events. 2001 , 104, 2638-2640	91
179	Suppression of the JNK pathway by induction of a metabolic stress response prevents vascular injury and dysfunction. 2008 , 118, 1347-57	76
178	Hydralazine prevents nitroglycerin tolerance by inhibiting activation of a membrane-bound NADH oxidase. A new action for an old drug. <i>Journal of Clinical Investigation</i> , 1996 , 98, 1465-70	251

177	p47phox is required for atherosclerotic lesion progression in ApoE(-/-) mice. <i>Journal of Clinical Investigation</i> , 2001 , 108, 1513-22	15.9	153
176	Improvement in endothelial function by angiotensin converting enzyme inhibition in in insulin-dependent diabetes mellitus. <i>Journal of Clinical Investigation</i> , 1997 , 100, 678-84	15.9	148
175	p47phox is required for atherosclerotic lesion progression in ApoE/Imice. <i>Journal of Clinical Investigation</i> , 2001 , 108, 1513-1522	15.9	377
174	Blasts from the past. <i>Journal of Clinical Investigation</i> , 2004 , 114, 1017-33	15.9	2
173	Ets-1 is a critical regulator of Ang II-mediated vascular inflammation and remodeling. <i>Journal of Clinical Investigation</i> , 2005 , 115, 2508-16	15.9	171
172	Dietary supplement with vitamin C prevents nitrate tolerance. <i>Journal of Clinical Investigation</i> , 1998 , 102, 67-71	15.9	105
171	Angiotensin II, atherosclerosis, and aortic aneurysms. <i>Journal of Clinical Investigation</i> , 2000 , 105, 1525-6	15.9	32
170	Comments on Contemporary Methods of Oxygen and Nitrogen Free Radical Detection. 2005 , 1-284		1
169	The Spice For Hypertension: Protective Role of Curcuma Longa. 2018 , 11, 1829-1840		7
168	Losartan improved antioxidant defense, renal function and structure of postischemic hypertensive kidney. 2014 , 9, e96353		25
167	Upregulation of intermediate-conductance Ca2+-activated K+ channels (KCNN4) in porcine coronary smooth muscle requires NADPH oxidase 5 (NOX5). 2014 , 9, e105337		22
166	Contribution of Cyclooxygenase End Products and Oxidative Stress to Intrahepatic Endothelial Dysfunction in Early Non-Alcoholic Fatty Liver Disease. 2016 , 11, e0156650		21
165	Heat shock treatment protects against angiotensin IIInduced hypertension and inflammation in aorta. 2004 , 9, 99		35
164	Combined Angiotensin II Type-1 Receptor Blockade and Superoxide Anion Scavenging Affect the Post-Ischemic Kidney in Hypertensive Rats. 2016 , 66, 392-405		1
163	Caffeic and chlorogenic acids modulate altered activity of key enzymes linked to hypertension in cyclosporine-induced hypertensive rats. 2020 , 32, 169-177		5
162	Effect of angiotensin II type 1 receptor blockade on kidney ischemia/reperfusion; a gender-related difference. 2016 , 5, 140-3		7
161	Oxidative stress may explain how hypertension is maintained by normal levels of angiotensin II. 2000 , 33, 653-60		17
160	Pravastatin activates activator protein 2 alpha to augment the angiotensin II-induced abdominal aortic aneurysms. 2017 , 8, 14294-14305		10

159	The role of Nox-mediated oxidation in the regulation of cytoskeletal dynamics. 2015 , 21, 6009-22	24
158	Resistant hypertension: focus on vascular lesions. 2020 , 1, 16-26	1
157	Reduction of the accumulation of advanced glycation end products by ACE inhibition in experimental diabetic nephropathy. 2002 , 51, 3274-82	203
156	Beneficial Effects of Cocoa in Perivascular Mato Cells of Cerebral Arterioles in SHR-SP (Izm) Rats. 2009 , 44, 142-50	5
155	A subpressor dose of angiotensin II elevates blood pressure in a normotensive rat model by oxidative stress. 2015 , 64, 153-9	6
154	Experimental Models for Vascular Endothelial Dysfunction. 2007 , 2, 12-20	14
153	Targeting cellular antioxidant enzymes for treating atherosclerotic vascular disease. 2013, 21, 89-96	37
152	Cytoprotective and antioxidant effects of human lactoferrin against H2O2-induced oxidative stress in human umbilical vein endothelial cells. 2015 , 4, 188	15
151	Endothelial dysfunction in cirrhosis: Role of inflammation and oxidative stress. 2015 , 7, 443-59	45
150	Prehypertension: Underlying pathology and therapeutic options. 2014 , 6, 728-43	12
149	Oxidative stress-mediated effects of angiotensin II in the cardiovascular system. 2012 , 2, 34-44	55
148	Immunohistochemical detection of oxidative stress biomarkers, dityrosine and N(epsilon)-(hexanoyl)lysine, and C-reactive protein in rabbit atherosclerotic lesions. 2008 , 15, 185-92	43
147	Pathways of Microcirculatory Endothelial Dysfunction in OSA: A Comprehensive ex-vivo Evaluation in Human Tissue. 2021 ,	О
146	Endothelial dysfunction and COVID-19 (Review). 2021 , 15, 102	2
145	Scorpion bradykinin potentiating factor mitigates lung damage induced by Erradiation in rats: Insights on AngII/ACE/Ang(1-7) axis. 2021 , 203, 58-65	O
144	Ein neues Messverfahren filin-vitro- und in-vivo-Detektion von Nitroglyzerin-induzierten Superoxidradikalen. 2000 , 49-61	
143	Endothelial Dysfunction and Atherothrombosis. 2000 , 21-40	
142	Oxidative Stress and Use of Antioxidants in Patients with Congestive Heart Failure. 2000 , 211-224	

141	The Role of Oxidative Stress in Hypertension. 2000 , 323-333	
140	Antioxidants and Endothelium-Derived Nitric Oxide Action. 2000 , 473-502	
139	Human Studies of Antioxidants and Vascular Function. 2000 , 213-243	
138	Free radicals as mediators of inflammation in atherosclerosis. 2001 , 79-92	
137	Pathogenesis of Hypertension: Vascular Mechanisms. 2001 , 80-99	
136	Die NADPH-Oxidase im Gef E ystem. 2001 , 37-57	
135	Die Bedeutung der extrazellulfen Superoxiddismutase bei kardiovaskulfen Erkrankungen. 2001 , 59-77	
134	??????????????????????(3.??????????????	
133	Pathogenesis of Hypertension: Vascular Mechanisms. 2003 , 85-107	
132	The Endothelium in Atherothrombosis. 2003 , 21-40	
131	Hypertension and Microcirculation. 2003 , 591-605	
130	The Role of Reactive Oxygen Species, the Renin-Angiotensin System, and Endothelin in the Development of Essential Hypertension. 2003 ,	
129	Micronutrients and Cardiovascular Disease. 2003,	
128	Angiotensin II and Oxidative Stress. 2004 , 3-20	O
127	Angiotensin-Endothelin Interactions. 2004 , 149-170	
126	Mechanisms of Cardiac Hypertrophy and the Development of Heart Failure. 2004 , 311-329	
125	Heat shock treatment protects against angiotensin II-induced hypertension and inflammation in aorta. 2004 , 9, 99-107	14
124	????????? : ????????????????!!??????????	

123	Molecular aspects of the renal renin-angiotensin system. 2006 , 18-29	
122	Free radicals, oxidative stress and pregnancy. 2006 , 13-27	
121	Intracellular Signaling Pathways and Peroxisome Proliferator-Activated Receptors in Vascular Health in Hypertension and in Diabetes. 2007 , 195-210	
120	Ischemic Renal Disease. 2008, 2193-2214	
119	Angiotensin II Signaling in Vascular Physiology and Pathophysiology. 2008 , 89-115	
118	Hypertension, Diabetes, Oxidative Stress, and Cardiovascular Remodeling: Making the Connection with p66shc. 2008 , 279-291	
117	Electrical and Structural Remodeling in Atrial Fibrillation. 2008, 57-68	
116	Dietary Modulation of the Inflammatory Response. 2008 , 112-124	
115	Lycopene and Cardiovascular Diseases. 2009 , 243-271	O
114	Serum Angiotensin Converting Enzyme Activity, Total Antioxidants and Ascorbic Acid in Iranian Patients with Coronary Artery Disease. 2009 , 9, 612-616	2
113	Atherosclerotic Risk Factors. 2010 , 394-408	2
112	Arterial Wall Biology. 2010 , 31-52	
111	Reactive Oxygen Species, Oxidative Stress, and Hypertension. 2010 , 281-315	
110	Role of Oxidative Stress in Mediating Elevated Blood Pressure with Aging. 2010 , 323-336	
109	Functional Studies of NADPH Oxidases in Human Vasculature. 2010 , 149-167	
108	Hypertension. 2011 , 121-142	
107	Signaling in Hypertension. 2011 , 257-270	
106	Angiotensin type 1a receptor signaling is not necessary for the production of reactive oxygen species in polymorphonuclear leukocytes. 2012 , 2012, 347852	

105	Overview of Oxidative Stress and Cardiovascular Disease. 2014 , 719-764	
104	Detection of Superoxide in Blood Vessels. 2014 , 1423-1433	
103	Oxidative Stress in Diabetes Mellitus and Possible Interventions. 2014 , 237-261	
102	Reactive Oxygen Species, Vascular Disease, and Hypertension. 2014 , 1123-1154	O
101	Pathophysiological Roles of Reactive Oxygen and Nitrogen Species. 2014, 171-206	1
100	V. 1990 , 321-372	
99	Other Factors in Endothelial Cell Dysfunction in Hypertension and Diabetes. 1997 , 39-51	
98	Angiotensin II, Oxidative Stress, and Nitric Oxide. 1998 , 79-98	
97	NAD(P)H Oxidase in Non-Phagocytic Cells. 1998 , 87-96	
96	The Renin-Angiotensin System and the Heart. 1999 , 53-67	
95	Angiotensin II und koronare Herzerkrankung, Herzinsuffizienz und plælicher Herztod. 1999 , 173-184	
94	Angiotensin converting enzyme inhibitors and vascular protection in hypertension. 1999 , 34 Suppl 1, S3-12	2
93	Role of the Neuropeptide Angiotensin II in Stress and Related Disorders. 2015 , 89-99	
92	Angiotensin II-Induced Generation of Reactive Oxygen Species Is Regulated by a Phosphatidylinositol 3-Kinase/L-Type Calcium Channel Signaling Pathway. 2015 , 25, 231-236	
91	Pathophysiology of Pediatric Hypertension. 2016 , 1951-1995	
90	Circadian Rhythms and the Circadian Clock in the Cardiovascular System. 2016 , 199-224	
90 89	Circadian Rhythms and the Circadian Clock in the Cardiovascular System. 2016 , 199-224 Vascular Grafts: Polymeric Materials. 8144-8164	

87	Physiological, Biochemical and Molecular Role of Oxidative Stress in Cardiovascular Disease: A Comprehensive Study. 2016 , 6, 1-16	
86	Endothelial Dysfunction and Vascular Remodeling in Hypertension. 2017, 1-16	
85	Unpuzzling the Comorbid Type 2 Diabetes and Hypertension-Related Cognitive Dysfunction and Stroke. 2017 , 711-731	1
84	Functional Foods in Hypertension. 2017 , 376-396	
83	Histopathological Effects of Therapeutic Doses of Combined XO-Inhibitors and ACE-Inhibitors on the Expression of VEGF-A in the Myocardium and Renal Cortex in Chronic Hypertensive Albino Rats.	
82	Vascular Grafts: Polymeric Materials. 2017 , 1575-1595	
81	Endothelial Dysfunction and Vascular Remodeling in Hypertension. 2018, 205-219	1
80	Preventive Effect of Hydroalcoholic Extract of on Cardiovascular Parameters in Acute Hypertensive Rats Induced by Angiotensin II. 2018 , 9, 92	2
79	Role of Oxidative Stress and Cardiovascular Risk Factors in Ischemic Heart Disease. 2019 , 375-394	2
78	Content of Some Endothotelium-Dependent Vasoactive Substances in the Blood of Patients, Depending on the Liver Cirrhosis Severity and the Organism Redox System State. 2019 , 4, 14-20	2
77	Role of Inflammation in Microvascular Damage. 2020 , 73-83	
76	Combined antihypertensive effect of unripe Rubus coreanus Miq. and Dendropanax morbiferus H. Lū. Extracts in 1 kidney-1 clip hypertensive rats and spontaneously hypertensive rats. 2021 , 21, 271	
75	Renal NOXA1/NOX1 Signaling Regulates Epithelial Sodium Channel and Sodium Retention in Angiotensin II-induced Hypertension. 2021 ,	3
74	Tianma Gouteng Decoction regulates oxidative stress and inflammation in AnglI-induced hypertensive mice via transcription factor EB to exert anti-hypertension effect. 2021 , 145, 112383	2
73	Features of redox homeostasis in patients with liver cirrhosis (literature review and clinical case description). 2020 , 26, 70-86	
72	REDOX-HOMEOSTASIS FEATURES IN PATIENTS WITH LIVER CIRRHOSIS DEPENDING ON SEVERITY OF THE INTERNAL ORGANS SYNTROPIC COMORBID LESIONS. 2020 , 8, 24-38	
71	Antihypertensive Effects of Standardized Asafoetida: Effect on Hypertension Induced by Angiotensin II. 2020 , 9, 77	1
70	Oxidative Stress, Lipoproteins and Angiotensin II. 2005 , 27-37	

69 Cellular Oxidative Stress, Aging, and the Local RAS. **2006**, 201-217

68	Oxidative Stress in Hypertension. 2006 , 363-379		
67	Reactive Oxygen Species as Mediators of Signal Transduction in Cardiovascular Diseases. 2006 , 103-13	0	
66	Regulationsmechanismen des Renin-Angiotensin-Systems im kardiovaskullen System. 2006 , 377-407		
65	Coronary Restenosis. 2005 , 291-308		
64	Atherosclerosis as disease of redox-sensitive genes. 1998 , 109, 129-45; discussion 145-6		36
63	The Jeremiah Metzger Lecture. Pathogenesis of atherosclerosis: redox as a unifying mechanism. 2003 , 114, 273-304		9
62	Common pathways of hypercholesterolemia and hypertension leading to atherothrombosis: the need for a global approach in the management of cardiovascular risk factors. 2007 , 3, 521-6		15
61	Reduction of C-reactive protein and the use of anti-hypertensives. 2007 , 3, 975-83		22
60	Regulation of the renin-angiotensin system in coronary atherosclerosis: a review of the literature. 2007 , 3, 937-45		20
59	Pathogenesis of atherosclerosis: A multifactorial process. <i>Experimental and Clinical Cardiology</i> , 2002 , 7, 40-53		180
58	Effect of repeatedly heated palm olein on blood pressure-regulating enzymes activity and lipid peroxidation in rats. <i>The Malaysian Journal of Medical Sciences</i> , 2012 , 19, 20-9	1.3	11
57	Oxidative stress: Predictive marker for coronary artery disease. <i>Experimental and Clinical Cardiology</i> , 2013 , 18, e88-91		29
56	Vascular relaxation induced by Eucommiae Ulmoides Oliv. and its compounds Oroxylin A and wogonin: implications on their cytoprotection action. <i>International Journal of Clinical and Experimental Medicine</i> , 2014 , 7, 3164-80		4
55	Losartan alleviates hyperuricemia-induced atherosclerosis in a rabbit model. <i>International Journal of Clinical and Experimental Pathology</i> , 2015 , 8, 10428-35	1.4	4
54	Crocin prevents acute angiotensin II-induced hypertension in anesthetized rats. <i>Avicenna Journal of Phytomedicine</i> , 2017 , 7, 345-352	1.4	9
53	Stress, superoxide, and signal transduction. <i>Gene Expression</i> , 1999 , 7, 255-60	3.4	22
52	Effect of Extract of Uria Picta Jacq. on Experimentally Induced Hypertension in Wistar Rats. <i>Biosciences, Biotechnology Research Asia</i> , 2021 , 18, 523-532	0.5	

51	Sonodynamic cancer therapy by novel iridium-gold nanoassemblies. Chinese Chemical Letters, 2021,	8.1	О
50	Renin-Angiotensin System Blockade is Associated with Exercise Capacity, Sympathetic Activity and Endothelial Function in Patients with Chronic Kidney Disease. <i>Kidney and Blood Pressure Research</i> , 2021 ,	3.1	3
49	Zebrafish Model to Study Angiotensin II-Mediated Pathophysiology. <i>Biology</i> , 2021 , 10,	4.9	
48	Telmisartan attenuates diabetic nephropathy by mitigating oxidative stress and inflammation, and upregulating Nrf2/HO-1 signaling in diabetic rats <i>Life Sciences</i> , 2021 , 291, 120260	6.8	3
47	Medicinal plants with potential antihypertensive properties: emphasis on natural products from the Brazilian Cerrado. <i>Hoehnea (revista)</i> , 49,	1	1
46	Vascular Endothelial Cell Dysfunction in Preeclampsia. 2022 , 187-218		
45	Metabolic Syndrome: Updates on Pathophysiology and Management in 2021 <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	24
44	Selenium-enriched and ordinary green tea extracts prevent high blood pressure and alter gut microbiota composition of hypertensive rats caused by high-salt diet. <i>Food Science and Human Wellness</i> , 2022 , 11, 738-751	8.3	1
43	Tea in cardiovascular health and disease: a critical appraisal of the evidence. <i>Food Science and Human Wellness</i> , 2022 , 11, 445-454	8.3	1
42	Antioxidant enzyme gene expression in congestive heart failure following myocardial infarction. <i>Molecular and Cellular Biochemistry</i> , 2003 , 251, 9-15	4.2	28
42 41		4.2	28
	Molecular and Cellular Biochemistry, 2003 , 251, 9-15	1.9	28
41	Molecular and Cellular Biochemistry, 2003, 251, 9-15 Endothelial Dysfunction and Vascular Remodeling in Hypertension. 2022, 1-21 Diabetes, heart damage, and angiotensin II. What is the relationship link between them? A		
41 40	Molecular and Cellular Biochemistry, 2003, 251, 9-15 Endothelial Dysfunction and Vascular Remodeling in Hypertension. 2022, 1-21 Diabetes, heart damage, and angiotensin II. What is the relationship link between them? A minireview Endocrine Regulations, 2022, 56, 55-65 Angiotensin II Promotes Skeletal Muscle Angiogenesis Induced by Volume-Dependent Aerobic Exercise Training: Effects on miRNAs-27a/b and Oxidant-Antioxidant Balance Antioxidants, 2022,	1.9	1
41 40 39	Molecular and Cellular Biochemistry, 2003, 251, 9-15 Endothelial Dysfunction and Vascular Remodeling in Hypertension. 2022, 1-21 Diabetes, heart damage, and angiotensin II. What is the relationship link between them? A minireview Endocrine Regulations, 2022, 56, 55-65 Angiotensin II Promotes Skeletal Muscle Angiogenesis Induced by Volume-Dependent Aerobic Exercise Training: Effects on miRNAs-27a/b and Oxidant-Antioxidant Balance Antioxidants, 2022, 11,	1.9 7.1	0
41 40 39 38	Endothelial Dysfunction and Vascular Remodeling in Hypertension. 2022, 1-21 Diabetes, heart damage, and angiotensin II. What is the relationship link between them? A minireview Endocrine Regulations, 2022, 56, 55-65 Angiotensin II Promotes Skeletal Muscle Angiogenesis Induced by Volume-Dependent Aerobic Exercise Training: Effects on miRNAs-27a/b and Oxidant-Antioxidant Balance Antioxidants, 2022, 11, Defining a Role of NADPH Oxidase in Myogenic Tone Development Microcirculation, 2022, e12756 Nitric Oxide in the Management of Respiratory Consequences in COVID-19: A Scoping Review of a	1.9 7.1 2.9	1 0
41 40 39 38 37	Endothelial Dysfunction and Vascular Remodeling in Hypertension. 2022, 1-21 Diabetes, heart damage, and angiotensin II. What is the relationship link between them? A minireview Endocrine Regulations, 2022, 56, 55-65 Angiotensin II Promotes Skeletal Muscle Angiogenesis Induced by Volume-Dependent Aerobic Exercise Training: Effects on miRNAs-27a/b and Oxidant-Antioxidant Balance Antioxidants, 2022, 11, Defining a Role of NADPH Oxidase in Myogenic Tone Development Microcirculation, 2022, e12756 Nitric Oxide in the Management of Respiratory Consequences in COVID-19: A Scoping Review of a Different Treatment Approach Cureus, 2022, 14, e23852 Intake of coated EPA:DHA 6:1 nanoparticles improves age-related endothelial dysfunction by restoring the endothelial formation of NO and improving oxidative stress: Role of the local	1.9 7.1 2.9	1 0

33 Table_1.docx. **2020**,

32	An osmium-peroxo complex for photoactive therapy of hypoxic tumors <i>Nature Communications</i> , 2022 , 13, 2245	17.4	11
31	Endothelial Cells and the Cerebral Circulation. 3449-3508		
30	COVID-19 metabolism: Mechanisms and therapeutic targets. 2022 , 3,		1
29	The impact of COVID-19 on populations living at high altitude: Role of hypoxia-inducible factors (HIFs) signaling pathway in SARS-CoV-2 infection and replication. 13,		О
28	Empagliflozin prevents angiotensin II-induced hypertension related micro and macrovascular endothelial cell activation and diastolic dysfunction in rats despite persistent hypertension: Role of endothelial SGLT1 and 2. 2022 , 146, 107095		O
27	Endothelial Function and Physical Exercise: A Key to Cardiovascular Protection?. 2022, 43-54		О
26	The Link Between Heat Shock Proteins, Renin-Angiotensin System, and the Coagulation Cascade in the Pathogenesis of the Coronavirus-19 Disease. 2022 ,		O
25	Contrasting effects of sleep fragmentation and angiotensin-II treatment upon pro-inflammatory responses of mice. 2022 , 12,		O
24	Disparate biomechanical properties of the aorta in non-aneurysmal and aneurysmal mice treated with angiotensin II. 2022 , 10,		O
23	NOXA1-Dependent NADPH Oxidase 1 Signaling Mediates Angiotensin II Activation of the Epithelial Sodium Channel.		1
22	Updates on Pharmacologic Management of Microvascular Angina. 2022 , 2022, 1-19		1
21	Promising Cerebral Blood Flow Enhancers in Acute Ischemic Stroke.		1
20	Alpha-lipoic acid protects against aortic aneurysm and dissection by improving vascular smooth muscle cell function. 2022 , 311, 121159		O
19	Oxidative Regulation of Vascular Cav1.2 Channels Triggers Vascular Dysfunction in Hypertension-Related Disorders. 2022 , 11, 2432		0
18	Attenuation of Smooth Muscle Cell Phenotypic Switching by Angiotensin 1-7 Protects against Thoracic Aortic Aneurysm. 2022 , 23, 15566		O
17	Functional Exploration of Conserved Sequences in the Distal Face of Angiotensinogen.		0
16	Endothelial Dysfunction and Vascular Remodeling in Hypertension. 2023 , 195-215		О

15	Renin Engiotens in Eldosterone system and blood pressure regulation. 2023, 63-75	Ο
14	Endothelial cell TRPA1 activity exacerbates cerebral hemorrhage during severe hypertension. 10,	Ο
13	Aminothiols exchange in coronavirus disease 2019. 2023 , 3, 37-41	0
12	Angiotensin and atherosclerotic vascular disease. 2023 , 263-284	O
11	Stretchable Oxygen-Tolerant Sensor Based on a Single-Atom FeIII4 Electrocatalyst for Observing the Role of Oxidative Stress in Hypertension. 2023 , 95, 5159-5167	0
10	Sex-Related Effects of Gut Microbiota in Metabolic Syndrome-Related Diabetic Retinopathy. 2023 , 11, 447	O
9	Regulation of Renin Expression by 🛭 -Integrin in As4.1 Juxtaglomerular Line Cells. 2023 , 11, 501	0
8	Renin Ingiotensin system and inflammation. 2023 , 77-105	O
7	Oxypurinol protects renal ischemia/reperfusion injury via heme oxygenase-1 induction. 10,	O
6	LncRNA MHRT Prevents Angiotensin II-Induced Myocardial Oxidative Stress and NLRP3 Inflammasome via Nrf2 Activation. 2023 , 12, 672	O
5	Unraveling the Underlying Molecular Mechanism of Bilent Hypoxialin COVID-19 Patients Suggests a Central Role for Angiotensin II Modulation of the AT1R-Hypoxia-Inducible Factor Signaling Pathway. 2023 , 12, 2445	О
4	Mitochondrial ROS driven by NOX4 upregulation promotes hepatocellular carcinoma cell survival after incomplete radiofrequency ablation by inducing of mitophagy via Nrf2/PINK1. 2023, 21,	O
3	Upregulation of NADH/NADPH oxidase 4 by angiotensin II induces podocyte apoptosis. 2023 , 42, 202-215	О
2	Hordeum vulgare ethanolic extract´mitigates´high salt-induced cerebellum damage´via attenuation of oxidative stress, neuroinflammation, and neurochemical alterations in hypertensive rats.	O
1	Signaling pathways in vascular function and hypertension: molecular mechanisms and therapeutic interventions. 2023 , 8,	0