

# CITATION REPORT

List of articles citing

Reactive oxygen species, vascular oxidative stress, and redox signaling in hypertension: what is the clinical significance?

DOI: 10.1161/01.hyp.0000138070.47616.9d  
Hypertension, 2004, 44, 248-52.

**Source:** <https://exaly.com/paper-pdf/36454999/citation-report.pdf>

**Version:** 2024-04-27

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

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

#	Paper	IF	Citations
710	Endothelial dysfunction: its role in hypertensive coronary disease. <b>2005</b> , 20, 270-4		26
709	New insights in the pharmacological therapy of arterial hypertension. <b>2005</b> , 14, 423-7		16
708	A forkhead in the road to longevity: the molecular basis of lifespan becomes clearer. <b>2005</b> , 23, 1285-309		72
707	Angiotensin II-induced over-activation of p47phox in fibroblasts from hypertensives: which role in the enhanced ERK1/2 responsiveness to angiotensin II?. <b>2005</b> , 23, 793-800		11
706	Advances in the pathogenesis and management of hypertensive crisis. <b>2005</b> , 17, 210-4		61
705	Bibliography Current World Literature. <b>2005</b> , 20, 324-368		
704	The scorching breath of angiotensin. <b>2005</b> , 23, 33-5		3
703	Tempol protects against ischemic acute renal failure by inhibiting renal noradrenaline overflow and endothelin-1 overproduction. <b>2005</b> , 28, 641-5		19
702	Oxidative stress and vascular remodelling. <b>2005</b> , 90, 457-62		108
701	Urinary 20-hydroxyeicosatetraenoic acid excretion is associated with oxidative stress in hypertensive subjects. <b>2005</b> , 38, 1032-6		59
700	Beneficial in vitro effect of N-acetyl-cysteine on oxidative stress and apoptosis. <b>2005</b> , 20, 725-31		36
699	Orally active antioxidative copper(II) aspirinate: synthesis, structure characterization, superoxide scavenging activity, and in vitro and in vivo antioxidative evaluations. <b>2005</b> , 10, 831-41		68
698	Superoxide contributes to development of salt sensitivity and hypertension induced by nitric oxide deficiency. <i>Hypertension</i> , <b>2005</b> , 46, 1026-31	8,5	62
697	Superoxide scavenging attenuates renal responses to ANG II during nitric oxide synthase inhibition in anesthetized dogs. <b>2005</b> , 288, F412-9		37
696	Focus on oxidative stress in the cardiovascular and renal systems. <b>2005</b> , 288, H3-6		38
695	Proteomic and metabolomic analyses of atherosclerotic vessels from apolipoprotein E-deficient mice reveal alterations in inflammation, oxidative stress, and energy metabolism. <b>2005</b> , 25, 2135-42		151
694	Endothelin, angiotensin, and oxidative stress in hypertension. <i>Hypertension</i> , <b>2005</b> , 45, 477-80	8,5	67

693	Carvedilol reduces plasma 8-hydroxy-2'-deoxyguanosine in mild to moderate hypertension: a pilot study. <i>Hypertension</i> , <b>2005</b> , 45, 986-90	8.5	22
692	Critical role for CuZn-superoxide dismutase in preventing angiotensin II-induced endothelial dysfunction. <i>Hypertension</i> , <b>2005</b> , 46, 1147-53	8.5	54
691	Evaluation of UVA-induced oxidative stress using a highly sensitive chemiluminescence method. <b>2005</b> ,		
690	ATVB in focus: redox mechanisms in blood vessels. <b>2005</b> , 25, 272-3		18
689	Nox1 overexpression potentiates angiotensin II-induced hypertension and vascular smooth muscle hypertrophy in transgenic mice. <b>2005</b> , 112, 2668-76		349
688	Renal redox stress and remodeling in metabolic syndrome, type 2 diabetes mellitus, and diabetic nephropathy: paying homage to the podocyte. <b>2005</b> , 25, 553-69		68
687	Oxidant stress in renal pathophysiology. <b>2005</b> , 148, 135-153		14
686	Parameters of antioxidative defense in type 2 diabetic patients with cardiovascular complications. <b>2005</b> , 37, 613-20		59
685	Aldosterone: good guy or bad guy in cerebrovascular disease?. <b>2005</b> , 16, 401-6		21
684	Oxidative stress and nitric oxide deficiency in the kidney: a critical link to hypertension?. <b>2005</b> , 289, R913-35		371
683	Selective inhibition of NADPH-oxidase isoforms as a therapeutic strategy in hypertension. <b>2005</b> , 2, 187-192		6
682	Signal transduction involving Ras-GTPase contributes to development of hypertension and end-organ damage in spontaneously hypertensive rats-treated with L-NAME. <b>2005</b> , 52, 401-12		12
681	Effect of simulated gastrointestinal digestion on the antihypertensive properties of ACE-inhibitory peptides derived from ovalbumin. <b>2006</b> , 54, 726-31		104
680	Endothelial dysfunction: a multifaceted disorder (The Wiggers Award Lecture). <b>2006</b> , 291, H985-1002		591
679	Nitric oxide synthase inhibition in rats: melatonin reduces blood pressure and ischemia/reperfusion-induced infarct size. <b>2006</b> , 40, 248-52		25
678	Early Life Origins of Health and Disease. <b>2006</b> ,		7
677	Hemizyosity at the NCF1 gene in patients with Williams-Beuren syndrome decreases their risk of hypertension. <b>2006</b> , 78, 533-42		87
676	Reactive oxygen species and vascular remodelling in hypertension: still alive. <b>2006</b> , 22, 947-51		82

675	Oxidative stress in the metabolic syndrome. <b>2006</b> , 29, 791-5	61
674	Improvement of hypertension and vascular dysfunction by hydroxyhydroquinone-free coffee in a genetic model of hypertension. <b>2006</b> , 580, 2317-22	41
673	Physiological, chemical and technological aspects of milk-protein-derived peptides with antihypertensive and ACE-inhibitory activity. <b>2006</b> , 16, 1277-1293	289
672	Comparison of inhibitory action of candesartan and enalapril on brain ischemia through inhibition of oxidative stress. <b>2006</b> , 51, 822-8	44
671	Endothelial dysfunction and oxidative stress in arterial hypertension. <b>2006</b> , 16, 222-33	83
670	Angiotensin II-stimulated collagen production in cardiac fibroblasts is mediated by reactive oxygen species. <b>2006</b> , 24, 757-66	64
669	Chlorogenic acid attenuates hypertension and improves endothelial function in spontaneously hypertensive rats. <b>2006</b> , 24, 1065-73	154
668	Enhancement of cardiac oxidative stress by tachycardia and its critical role in cardiac hypertrophy and fibrosis. <b>2006</b> , 24, 2057-69	50
667	Bibliography. Current world literature. Clinical nephrology. <b>2006</b> , 15, 187-225	
666	Oxidative Stress and Cardiovascular Disease. <b>2006</b> , 519-535	2
665	Endothelial progenitor cells: biology and therapeutic potential in hypertension. <b>2006</b> , 15, 167-72	21
664	From big fat cells to high blood pressure: a pathway to obesity-associated hypertension. <b>2006</b> , 15, 173-8	87
663	Targeting reactive oxygen species in hypertension. <b>2006</b> , 15, 179-86	65
662	Impact of obesity and insulin resistance on vasomotor tone: nitric oxide and beyond. <b>2006</b> , 33, 407-14	32
661	Hypertension and oxidative stress. <b>2006</b> , 33, 872-6	52
660	Oxidative stress and cardiovascular disease: antioxidants and unresolved issues. <b>2005</b> , 23, 115-32	66
659	The genetic dissection of essential hypertension. <b>2006</b> , 7, 829-40	230
658	Byproducts of oxidative protein damage and antioxidant enzyme activities in plasma of patients with different degrees of essential hypertension. <b>2006</b> , 20, 149-55	77

657	Amlodipine-induced reduction of oxidative stress in the brain is associated with sympatho-inhibitory effects in stroke-prone spontaneously hypertensive rats. <b>2006</b> , 29, 49-56		44
656	Reactive oxygen species in the neuropathogenesis of hypertension. <b>2006</b> , 8, 232-41		117
655	ACE inhibition restores the vasodilator potency of the endothelium-derived relaxing factor, L-S-nitrosocysteine, in conscious Spontaneously Hypertensive rats. <b>2006</b> , 44, 491-507		11
654	The vasodilator potency of the endothelium-derived relaxing factor, L-S-nitrosocysteine, is impaired in conscious spontaneously hypertensive rats. <b>2006</b> , 44, 476-90		10
653	Reduction in molecular synthesis or enzyme activity of superoxide dismutases and catalase contributes to oxidative stress and neurogenic hypertension in spontaneously hypertensive rats. <b>2006</b> , 40, 2028-39		121
652	Silent information regulator 2 (SIRT1) attenuates oxidative stress-induced mesangial cell apoptosis via p53 deacetylation. <b>2006</b> , 40, 2175-82		147
651	Novel isoforms of NADPH-oxidase in cerebral vascular control. <b>2006</b> , 111, 928-48		96
650	Extracellular adenosine triphosphate protects oxidative stress-induced increase of p21(WAF1/Cip1) and p27(Kip1) expression in primary cultured renal proximal tubule cells: role of PI3K and Akt signaling. <b>2006</b> , 209, 802-10		14
649	Dissecting the causes of oxidative stress in an in vivo model of hypertension. <i>Hypertension</i> , <b>2006</b> , 48, 828-9	8.5	11
648	Modulation of dilator responses of cerebral arterioles by extracellular superoxide dismutase. <b>2006</b> , 37, 2802-6		23
647	Role of inflammatory cells in the kidney in the induction and maintenance of hypertension. <b>2006</b> , 21, 260-3		27
646	Endothelial response to stress from exogenous Zn <sup>2+</sup> resembles that of NO-mediated nitrosative stress, and is protected by MT-1 overexpression. <b>2006</b> , 291, C555-68		62
645	Oxidative stress on progenitor and stem cells in cardiovascular diseases. <b>2006</b> , 7, 101-8		82
644	Increased oxidative stress in lambs with increased pulmonary blood flow and pulmonary hypertension: role of NADPH oxidase and endothelial NO synthase. <b>2006</b> , 290, L1069-77		125
643	Lipid rafts take center stage in endothelial cell redox signaling by death receptors. <i>Hypertension</i> , <b>2006</b> , 47, 16-8	8.5	26
642	Protective effect of potassium against the hypertensive cardiac dysfunction: association with reactive oxygen species reduction. <i>Hypertension</i> , <b>2006</b> , 48, 225-31	8.5	64
641	The etiology of hypertension in the metabolic syndrome part three: the regulation and dysregulation of blood pressure. <b>2006</b> , 4, 321-48		6
640	Nitric oxide and vascular remodeling: spotlight on the kidney. <b>2007</b> , S9-S16		17

639	Lung antioxidant enzymes are regulated by development and increased pulmonary blood flow. <b>2007</b> , 293, L960-71		29
638	Functional Genomics of the Oxidative Stress Pathway. <b>2007</b> , 3, 156-165		3
637	Alterations in zinc homeostasis underlie endothelial cell death induced by oxidative stress from acute exposure to hydrogen peroxide. <b>2007</b> , 292, L165-77		66
636	Mitochondrial function and nitric oxide metabolism are modified by enalapril treatment in rat kidney. <b>2007</b> , 292, R1494-501		22
635	The continuing saga of neuronal oxidative stress in hypertension: Nox, Nox who's there, and where?. <i>Hypertension</i> , <b>2007</b> , 50, 600-2	8.5	3
634	Aging enhances pressure-induced arterial superoxide formation. <b>2007</b> , 293, H1344-50		64
633	From mitochondria to disease: role of the renin-angiotensin system. <b>2007</b> , 27, 545-53		106
632	Role of oxidative stress in the pathogenesis of abdominal aortic aneurysms. <b>2007</b> , 27, 461-9		242
631	Differential effects of an anti-oxidant intervention on cardiomyocyte expression of adrenomedullin and intermedin and their receptor components in chronic nitric oxide deficiency. <b>2007</b> , 20, 269-82		23
630	Concerning Arterial Hypertension, Homocysteine and Paraoxonase-1. <b>2007</b> , 3, 51-57		
629	NADPH oxidase contributes to vascular inflammation, insulin resistance, and remodeling in the transgenic (mRen2) rat. <i>Hypertension</i> , <b>2007</b> , 50, 384-91	8.5	94
628	The effects of chronic treatment with <i>Morus bombycis</i> KOIDZUMI in spontaneously hypertensive rats. <b>2007</b> , 30, 1278-83		23
627	[Oxidative stress and atherosclerosis]. <b>2007</b> , 127, 1997-2014		28
626	Quercetin reduces blood pressure in hypertensive subjects. <b>2007</b> , 137, 2405-11		318
625	GABA(A) versus GABA(B) in catatonia. <b>2007</b> , 19, 484		11
624	Gene and stem cell therapy in the treatment of erectile dysfunction and pulmonary hypertension; potential treatments for the common problem of endothelial dysfunction. <b>2007</b> , 7, 131-53		9
623	Olanzapine-induced tardive dystonia successfully treated by tetrabenazine. <b>2007</b> , 19, 484-5		13
622	Telmisartan improves endothelial function in patients with essential hypertension. <b>2007</b> , 50, 367-71		54

621	Acute hypertensive crisis may be a risk factor for Alzheimer's disease induction and progression. <b>2007</b> , 19, 483-4	
620	Peroxynitrite is Involved in the dysfunction of vasorelaxation in SHR/NDmcr-cp rats, spontaneously hypertensive obese rats. <b>2007</b> , 50, 677-85	34
619	Obesity: a risk factor for preeclampsia. <b>2007</b> , 18, 365-70	112
618	Diagnosis and management of labile blood pressure during acute cerebrovascular accidents and other hypertensive crises. <b>2007</b> , 25, 949-59	29
617	Ferulic acid restores endothelium-dependent vasodilation in aortas of spontaneously hypertensive rats. <b>2007</b> , 20, 508-13	99
616	Potential role of antioxidants in the treatment of portal hypertension. <b>2007</b> , 46, 193-7	24
615	The role of methemoglobinemia in early and late complicated pregnancy. <b>2007</b> , 68, 1114-9	7
614	The vascular phenotypes in hypertension: Relation with the natural history of hypertension. <b>2007</b> , 1, 56-67	16
613	Inflammation in high blood pressure: a clinician perspective. <b>2007</b> , 1, 113-9	32
612	Bioactive Egg Compounds. <b>2007</b> ,	59
611	Female protection in progressive renal disease is associated with estradiol attenuation of superoxide production. <b>2007</b> , 4, 56-71	54
610	Oxidants in chronic kidney disease. <b>2007</b> , 18, 16-28	220
609	Antioxidant vitamins and adrenocorticotrophic hormone-induced hypertension in rats. <b>2007</b> , 29, 465-78	7
608	Losartan improves the impaired function of endothelial progenitor cells in hypertension via an antioxidant effect. <b>2007</b> , 30, 1119-28	84
607	Clonogenic endothelial progenitor cells are sensitive to oxidative stress. <b>2007</b> , 25, 297-304	100
606	The Implications of Genes on the Pathogenesis, Diagnosis and Therapeutics of Hypertension. 166-191	
605	Antihypertensive and antioxidant action of amlodipine and vitamin C in patients of essential hypertension. <b>2007</b> , 40, 141-7	36
604	Cumulative community-level lead exposure and pulse pressure: the normative aging study. <b>2007</b> , 115, 1696-700	24

603	Insulin Resistance and Diabetes in Hypertension. <b>2007</b> , 681-692	2
602	. <b>2007</b> ,	2
601	Influence of rosuvastatin on the NAD(P)H oxidase activity in the retina and electroretinographic response of spontaneously hypertensive rats. <b>2007</b> , 151, 979-86	32
600	Effect of maturation on renal Na <sup>+</sup> /K <sup>+</sup> -atpase and its susceptibility to nitric oxide-deficient hypertension in rats. <b>2007</b> , 34, 617-23	2
599	Nitric oxide and superoxide interactions in the kidney and their implication in the development of salt-sensitive hypertension. <b>2007</b> , 34, 946-52	73
598	Add-on therapy with doxazosin in patients with hypertension influences arterial stiffness and albuterol-mediated arterial vasodilation. <b>2007</b> , 64, 792-5	5
597	Differential modulation of bradykinin-induced relaxation of endothelin-1 and phenylephrine contractions of rat aorta by antioxidants. <b>2007</b> , 28, 1566-72	5
596	Translational control of the ascorbic acid transporter SVCT2 in human platelets. <b>2007</b> , 42, 608-16	65
595	Enhanced glycation of hemoglobin and plasma proteins is associated with increased lipid peroxide levels in non-diabetic hypertensive subjects. <b>2007</b> , 38, 822-6	14
594	Differential effects of ET(A) and ET(B) receptor antagonism on oxidative stress in type 2 diabetes. <b>2007</b> , 47, 125-30	22
593	Reactive carbonyls and oxidative stress: potential for therapeutic intervention. <b>2007</b> , 115, 13-24	172
592	Pathophysiological mechanisms of salt-dependent hypertension. <b>2007</b> , 50, 655-72	62
591	Reactive Oxygen Species, Oxidative Stress, and Vascular Biology in Hypertension. <b>2007</b> , 337-347	9
590	Loss of adaptation to oxidative stress as a mechanism for aortic damage in aging rats. <b>2007</b> , 63, 239-47	19
589	Xanthine oxidase and the beneficial effect of allopurinol on blood pressure and renal function. <b>2008</b> , 40, 1111	
588	Dietary structured lipids and phytosteryl esters: blood lipids and cardiovascular status in spontaneously hypertensive rats. <b>2008</b> , 43, 55-64	4
587	Hypertension, cardiac hypertrophy, and impaired vascular relaxation induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin are associated with increased superoxide. <b>2008</b> , 8, 181-93	91
586	Food supplementation with an olive ( <i>Olea europaea</i> L.) leaf extract reduces blood pressure in borderline hypertensive monozygotic twins. <b>2008</b> , 22, 1239-42	76



585	The influence of basal metabolic rate on blood pressure among indigenous Siberians. <b>2008</b> , 137, 145-55	44
584	Changes of antioxidant activity and total phenolic compounds during storage of selected fruits. <b>2008</b> , 21, 241-248	127
583	Role of NADPH oxidase and iNOS in vasoconstrictor responses of vessels from hypertensive and normotensive rats. <b>2008</b> , 153, 926-35	29
582	Endurance training without weight loss lowers systemic, but not muscle, oxidative stress with no effect on inflammation in lean and obese women. <b>2008</b> , 45, 503-11	82
581	Benidipine, an anti-hypertensive drug, inhibits reactive oxygen species production in polymorphonuclear leukocytes and oxidative stress in salt-loaded stroke-prone spontaneously hypertensive rats. <b>2008</b> , 580, 201-13	16
580	NADPH oxidase activation: a mechanism of hypertension-associated erectile dysfunction. <b>2008</b> , 5, 544-51	68
579	Melatonin protects myocardium from ischemia-reperfusion injury in hypertensive rats: role of myeloperoxidase activity. <b>2008</b> , 30, 673-81	23
578	Oxidative stress impairs endothelial progenitor cell function. <b>2008</b> , 10, 1895-907	102
577	Endothelial progenitor cells, endothelial dysfunction, inflammation, and oxidative stress in hypertension. <b>2008</b> , 10, 1079-88	86
576	Targeting reactive oxygen species in hypertension. <b>2008</b> , 10, 1061-77	46
575	Role of the renin-angiotensin system in vascular inflammation. <b>2008</b> , 29, 367-74	307
574	Protective effects of angiotensin II type 1 receptor blocker on cerebral circulation independent of blood pressure. <b>2008</b> , 210, 441-8	39
573	Parameters of oxidative stress are present in the circulation of PXE patients. <b>2008</b> , 1782, 474-81	34
572	Hypertension and cerebrovascular dysfunction. <b>2008</b> , 7, 476-84	356
571	The molecular sources of reactive oxygen species in hypertension. <b>2008</b> , 17, 70-7	59
570	Intermittent hypoxia: cause of or therapy for systemic hypertension?. <b>2008</b> , 233, 627-50	106
569	Effects of long-term losartan and L-arginine treatment on haemodynamics, glomerular filtration, and SOD activity in spontaneously hypertensive rats. <b>2008</b> , 86, 210-4	4
568	Aberrant insulin receptor signaling and amino acid homeostasis as a major cause of oxidative stress in aging. <b>2008</b> , 10, 661-78	52

567	Redox control of renal function and hypertension. <b>2008</b> , 10, 2047-89		127
566	Endothelial dysfunction: from molecular mechanisms to measurement, clinical implications, and therapeutic opportunities. <b>2008</b> , 10, 1631-74		131
565	Hydroxyhydroquinone interferes with the chlorogenic acid-induced restoration of endothelial function in spontaneously hypertensive rats. <b>2008</b> , 21, 23-7		32
564	The flame that lights the fire: oxidative stress, inflammation, and renal damage in angiotensin II-induced hypertension. <i>Hypertension</i> , <b>2008</b> , 52, 205-6	8.5	11
563	Postnatal intermittent hypoxia and developmental programming of hypertension in spontaneously hypertensive rats: the role of reactive oxygen species and L-Ca <sup>2+</sup> channels. <i>Hypertension</i> , <b>2008</b> , 52, 156-62	8.5	29
562	Do vasculature reactive oxygen species play a role in the mobilization of bone marrow endothelial progenitor cells?. <b>2008</b> , 26, 188-90		2
561	Impact of chronic treatment with red wine polyphenols (RWP) on cerebral arterioles in the spontaneous hypertensive rat. <b>2008</b> , 51, 304-10		25
560	Oxidant and redox signaling in vascular oxygen sensing: implications for systemic and pulmonary hypertension. <b>2008</b> , 10, 1137-52		50
559	Low mercury concentrations cause oxidative stress and endothelial dysfunction in conductance and resistance arteries. <b>2008</b> , 295, H1033-H1043		113
558	Chemistry and antihypertensive effects of tempol and other nitroxides. <b>2008</b> , 60, 418-69		285
557	Possible role of oxidative stress in the pathogenesis of hypertension. <b>2008</b> , 31 Suppl 2, S181-4		143
556	Hypertension impairs postnatal vasculogenesis: role of antihypertensive agents. <i>Hypertension</i> , <b>2008</b> , 51, 1537-44	8.5	51
555	Apocynin-induced vasodilation involves Rho kinase inhibition but not NADPH oxidase inhibition. <b>2008</b> , 80, 271-9		75
554	Role of reactive oxygen species in hypertension produced by reduced uterine perfusion in pregnant rats. <b>2008</b> , 21, 1152-6		99
553	The role of cellular adaptation to mechanical forces in atherosclerosis. <b>2008</b> , 28, 2101-7		71
552	Role of oxidative stress in the renal abnormalities induced by experimental hyperuricemia. <b>2008</b> , 295, F1134-41		212
551	Does increased oxidative stress cause hypertension?. <b>2008</b> , 31 Suppl 2, S185-9		112
550	Angiotensin II regulates cardiac hypertrophy via oxidative stress but not antioxidant enzyme activities in experimental renovascular hypertension. <b>2008</b> , 31, 325-34		21

549	Synthesis, characterization, antioxidative activity and DNA binding properties of the copper(II), zinc(II), nickel(II) complexes with 1,2-Di(4'-iminonaringenin)ethane. <b>2008</b> , 56, 1528-34	17
548	Antihypertensive, vasorelaxant, and antioxidant effect of root bark of <i>Ulmus macrocarpa</i> . <b>2008</b> , 31, 2090-6	18
547	Mechanisms underlying developmental programming of elevated blood pressure and vascular dysfunction: evidence from human studies and experimental animal models. <b>2008</b> , 114, 1-17	129
546	Decrease in oxidative stress through supplementation of vitamins C and E is associated with a reduction in blood pressure in patients with essential hypertension. <b>2008</b> , 114, 625-34	92
545	Hypertension increases middle cerebral artery resting tone in spontaneously hypertensive rats: role of tonic vasoactive factor availability. <b>2008</b> , 114, 651-9	23
544	Soluble CD40L and its role in essential hypertension: diagnostic and therapeutic implications. <b>2008</b> , 8, 194-202	16
543	Alzheimer's disease: cerebrovascular dysfunction, oxidative stress, and advanced clinical therapies. <b>2008</b> , 15, 199-210	61
542	Vascular stiffness is related to superoxide generation in the vessel wall. <b>2008</b> , 26, 946-55	33
541	Association between glutathione S-transferase A1, M1 and T1 polymorphisms and hypertension. <b>2008</b> , 18, 275-7	33
540	Endothelial progenitor cells dysfunction and senescence: contribution to oxidative stress. <b>2008</b> , 4, 275-86	43
539	Isometric Handgrip Effects on Hypertension. <b>2009</b> , 5, 54-60	7
538	[Physical exercise and menopause]. <b>2009</b> , 31, 254-61	9
537	Reactive oxygen species and dopamine receptor function in essential hypertension. <b>2009</b> , 31, 156-78	31
536	Retinol-binding protein-4 in women with untreated essential hypertension. <b>2009</b> , 22, 1001-6	53
535	Shear stress, reactive oxygen species, and arterial structure and function. <b>2009</b> , 11, 1699-709	32
534	Atorvastatin prevents endothelial dysfunction in mesenteric arteries from spontaneously hypertensive rats: role of cyclooxygenase 2-derived contracting prostanoids. <i>Hypertension</i> , <b>2009</b> , 53, 1008-16	8.5 56
533	Differential effects of 17beta-estradiol and of synthetic progestins on aldosterone-salt-induced kidney disease. <b>2009</b> , 37, 969-82	16
532	Cyclic stretch, reactive oxygen species, and vascular remodeling. <b>2009</b> , 11, 1651-67	158

531	Nebivolol reduces proteinuria and renal NADPH oxidase-generated reactive oxygen species in the transgenic Ren2 rat. <b>2009</b> , 30, 354-60	49
530	Living beyond our physiological means: small vessel disease of the brain is an expression of a systemic failure in arteriolar function: a unifying hypothesis. <b>2009</b> , 40, e322-30	135
529	Endothelial colony-forming cells from preterm infants are increased and more susceptible to hyperoxia. <b>2009</b> , 180, 454-61	86
528	Endothelial dysfunction in diabetes: from mechanisms to therapeutic targets. <b>2009</b> , 16, 94-112	204
527	Differential effects of reduced cyclic stretch and perturbed shear stress within the arterial wall and on smooth muscle function. <b>2009</b> , 22, 1250-7	7
526	Loss of cerebrovascular Shaker-type K(+) channels: a shared vasodilator defect of genetic and renal hypertensive rats. <b>2009</b> , 297, H293-303	23
525	Deletion of inducible nitric oxide synthase provides cardioprotection in mice with 2-kidney, 1-clip hypertension. <i>Hypertension</i> , <b>2009</b> , 53, 49-56	8.5 23
524	Are the effects of alpha-glucosidase inhibitors on cardiovascular events related to elevated levels of hydrogen gas in the gastrointestinal tract?. <b>2009</b> , 583, 2157-9	63
523	Antioxidant treatment reduces matrix metalloproteinase-2-induced vascular changes in renovascular hypertension. <b>2009</b> , 46, 1298-307	134
522	NOX and inflammation in the vascular adventitia. <b>2009</b> , 47, 1254-66	104
521	Apolipoprotein A1 gene polymorphisms as risk factors for hypertension and obesity. <b>2009</b> , 9, 319-25	35
520	Molecular cloning of OSP94: A significant biomarker protein of hypertensive human heart and a member of HSP110 family. <b>2009</b> , 42, 175-94	1
519	Iron behaving badly: inappropriate iron chelation as a major contributor to the aetiology of vascular and other progressive inflammatory and degenerative diseases. <b>2009</b> , 2, 2	349
518	Neonatal intermittent hypoxia and hypertension. <b>2009</b> , 45, 252-258	1
517	INHIBITORY EFFECT OF WATER EXTRACT AND ITS MAIN CONTENTS OF PERSIMMON LEAVES ON STIMULUS-INDUCED SUPEROXIDE GENERATION IN HUMAN NEUTROPHILS. <b>2009</b> , 33, 113-121	3
516	Inhibition of human vascular NADPH oxidase by apocynin derived oligophenols. <b>2009</b> , 17, 5146-52	28
515	Cardiac mitochondrial function and tissue remodelling are improved by a non-antihypertensive dose of enalapril in spontaneously hypertensive rats. <b>2009</b> , 43, 390-9	11
514	The role of glutathione S-transferase M1 and T1 gene polymorphisms and oxidative stress-related parameters in Egyptian patients with essential hypertension. <b>2009</b> , 20, 625-30	43

513	Alpha/beta hydrolase 1 is upregulated in D5 dopamine receptor knockout mice and reduces O <sub>2</sub> -production of NADPH oxidase. <b>2009</b> , 379, 81-5	12
512	Endothelial nitric oxide synthase activation contributes to post-exercise hypotension in spontaneously hypertensive rats. <b>2009</b> , 382, 711-4	11
511	Diets containing blueberry extract lower blood pressure in spontaneously hypertensive stroke-prone rats. <b>2009</b> , 29, 130-8	90
510	Sex differences in oxidant/antioxidant balance under a chronic mild stress regime. <b>2009</b> , 98, 215-22	57
509	Cytotoxic effects of oxysterols associated with human diseases: Induction of cell death (apoptosis and/or oncosis), oxidative and inflammatory activities, and phospholipidosis. <b>2009</b> , 30, 153-70	206
508	The renin angiotensin aldosterone system in hypertension: roles of insulin resistance and oxidative stress. <b>2009</b> , 93, 569-82	112
507	Current status of cell therapy for systemic arterial hypertension. <b>2009</b> , 7, 1307-11	3
506	Angiotensin II, mitochondria, cytoskeletal, and extracellular matrix connections: an integrating viewpoint. <b>2009</b> , 296, H550-8	84
505	Essential hypertension: is there a role for inflammatory mechanisms?. <b>2009</b> , 17, 216-21	62
504	Lowering arterial pressure delays the oxidative stress generation in a renal experimental model of hypertension. <b>2009</b> , 54, 348-54	4
503	Chronic production of peroxynitrite in the vascular wall impairs vasorelaxation function in SHR/NDmcr-cp rats, an animal model of metabolic syndrome. <b>2009</b> , 109, 556-64	26
502	Oral antioxidants and cardiovascular health in the exercise-trained and untrained elderly: a radically different outcome. <b>2009</b> , 116, 433-41	74
501	Endothelial function and oxidative stress in cardiovascular diseases. <b>2009</b> , 73, 411-8	526
500	Flavonoids, vascular function and cardiovascular protection. <b>2009</b> , 15, 1072-84	143
499	The thromboxane/endoperoxide receptor (TP): the common villain. <b>2010</b> , 55, 317-32	46
498	Effects of chronic treatment with honokiol in spontaneously hypertensive rats. <b>2010</b> , 33, 427-31	25
497	Antioxidant approaches for the treatment of Alzheimer's disease. <b>2010</b> , 10, 1201-8	91
496	Human endothelial dysfunction: EDCFs. <b>2010</b> , 459, 1015-23	60

495	Contrast-induced nephropathy: pathogenesis and prevention. <b>2010</b> , 25, 191-204	40
494	Glutathione system in young spontaneously hypertensive rats. <b>2010</b> , 66, 321-7	24
493	Synthesis, characterization, DNA binding properties, fluorescence studies and antioxidant activity of transition metal complexes with hesperetin-2-hydroxy benzoyl hydrazone. <b>2010</b> , 20, 891-905	68
492	Comparative effects of captopril and l-carnitine on blood pressure and antioxidant enzyme gene expression in the heart of spontaneously hypertensive rats. <b>2010</b> , 632, 65-72	51
491	Oxygen regulates the effective diffusion distance of nitric oxide in the aortic wall. <b>2010</b> , 48, 554-9	23
490	Ion channels in toxicology. <b>2010</b> , 30, 497-512	36
489	Effect of dietary selenium on the progression of heart failure in the ageing spontaneously hypertensive rat. <b>2010</b> , 54, 1436-44	30
488	Protective effect of carvedilol on daunorubicin-induced cardiotoxicity and nephrotoxicity in rats. <b>2010</b> , 274, 18-26	48
487	Synthesis, crystal structures, biological activities and fluorescence studies of transition metal complexes with 3-carbaldehyde chromone thiosemicarbazone. <b>2010</b> , 45, 5692-701	122
486	Redox unbalance: NADPH oxidase as therapeutic target in blood pressure control. <b>2010</b> , 94, 643-51, 684-93	14
485	[Effect of physical activity and t-786C polymorphism in blood pressure and blood flow in the elderly]. <b>2010</b> , 95, 510-6	10
484	Ezetimibe ameliorates metabolic disorders and microalbuminuria in patients with hypercholesterolemia. <b>2010</b> , 17, 173-80	34
483	Cytochrome P4501A1 is required for vascular dysfunction and hypertension induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin. <b>2010</b> , 117, 537-46	59
482	Endothelin activation of reactive oxygen species mediates stress-induced pressor response in Dahl salt-sensitive prehypertensive rats. <i>Hypertension</i> , <b>2010</b> , 56, 282-9	8.5 22
481	Sphingosine-1-phosphate-dependent activation of p38 MAPK maintains elevated peripheral resistance in heart failure through increased myogenic vasoconstriction. <b>2010</b> , 107, 923-33	58
480	Neutrophil infiltration and systemic vascular inflammation in obese women. <b>2010</b> , 17, 116-24	47
479	Angiotensin II-induced vascular smooth muscle cell migration and growth are mediated by cytochrome P450 1B1-dependent superoxide generation. <i>Hypertension</i> , <b>2010</b> , 55, 1461-7	8.5 61
478	Downregulation of manganese superoxide dismutase by angiotensin II in cardiac fibroblasts of rats: Association with oxidative stress in myocardium. <b>2010</b> , 23, 1128-35	28

477	Age, homocysteine, and oxidative stress: relation to hypertension and type 2 diabetes mellitus. <b>2010</b> , 29, 1-6		36
476	Endothelial progenitor cell senescence--is there a role for estrogen?. <b>2010</b> , 4, 55-69		18
475	Inhibition of porcine kidney betaine aldehyde dehydrogenase by hydrogen peroxide. <b>2010</b> , 15, 282-7		1
474	Evaluation of renal oxidative stress in the development of DOCA-salt induced hypertension and its renal damage. <b>2010</b> , 32, 90-7		27
473	Uric acid and antioxidant effects of wine. <b>2010</b> , 51, 16-22		18
472	Effect of endurance exercise training on oxidative stress in spontaneously hypertensive rats (SHR) after emergence of hypertension. <b>2010</b> , 32, 407-15		27
471	HFE H63D polymorphism as a modifier of the effect of cumulative lead exposure on pulse pressure: the Normative Aging Study. <b>2010</b> , 118, 1261-6		21
470	Vascular structure and oxidative stress in salt-loaded spontaneously hypertensive rats: effects of losartan and atenolol. <b>2010</b> , 23, 1318-25		35
469	Effects of melatonin and Pycnogenol on small artery structure and function in spontaneously hypertensive rats. <i>Hypertension</i> , <b>2010</b> , 55, 1373-80	8.5	36
468	Salt-induced renal injury in spontaneously hypertensive rats: effects of nebivolol. <b>2010</b> , 32, 557-66		34
467	Is oxidative stress a therapeutic target in cardiovascular disease?. <b>2010</b> , 31, 2741-8		319
466	Glucose-6-phosphate dehydrogenase-deficient mice have increased renal oxidative stress and increased albuminuria. <b>2010</b> , 24, 609-16		64
465	Antioxidative and angiotensin-I-converting enzyme inhibitory potential of a Pacific Hake ( <i>Merluccius productus</i> ) fish protein hydrolysate subjected to simulated gastrointestinal digestion and Caco-2 cell permeation. <b>2010</b> , 58, 1535-42		129
464	Oxidized low-density lipoprotein, angiotensin II and increased waist circumference are associated with valve inflammation in prehypertensive patients with aortic stenosis. <b>2010</b> , 145, 444-9		32
463	Enzymes involved in osmolyte synthesis: how does oxidative stress affect osmoregulation in renal cells?. <b>2010</b> , 87, 515-20		18
462	Multifunctional peptides from egg white lysozyme. <b>2010</b> , 43, 848-855		116
461	Role of H <sub>2</sub> O <sub>2</sub> on the kinetics of low-affinity high-capacity Na <sup>(+)</sup> -dependent alanine transport in SHR proximal tubular epithelial cells. <b>2010</b> , 398, 553-8		2
460	The effect of nutrition on blood pressure. <b>2010</b> , 30, 365-401		139

459	Bone marrow-derived cells and hypertension. <b>2010</b> , 8, 1139-48	1
458	THE AUTODIGESTION HYPOTHESIS AND RECEPTOR CLEAVAGE IN DIABETES AND HYPERTENSION. <b>2011</b> , 8, 37-46	4
457	The role of oxidative stress in the pathophysiology of hypertension. <b>2011</b> , 34, 431-40	215
456	ACE2-angiotensin-(1-7)-Mas axis and oxidative stress in cardiovascular disease. <b>2011</b> , 34, 154-60	117
455	The Endothelium, Part II: EDHF-Mediated Responses "The Classical Pathway". <b>2011</b> , 3, 1-306	2
454	Ascorbic acid levels and neutrophil superoxide production in blood of pre-, early and late hypertensive stroke-prone spontaneously hypertensive rats. <b>2011</b> , 33, 397-403	3
453	Soy protein supports cardiovascular health by downregulating hydroxymethylglutaryl-coenzyme A reductase and sterol regulatory element-binding protein-2 and increasing antioxidant enzyme activity in rats with dextran sodium sulfate-induced mild systemic inflammation. <b>2011</b> , 31, 922-8	16
452	Differential regulation of Nox1, Nox2 and Nox4 in vascular smooth muscle cells from WKY and SHR. <b>2011</b> , 5, 137-53	75
451	Periodontitis and blood pressure: the concept of dental hypertension. <b>2011</b> , 219, 1-9	79
450	Hyperuricemia and Hypertension [A Causal Relationship Ignored For All Too Long. <b>2011</b> , 7, 41-53	1
449	Ezetimibe monotherapy ameliorates vascular function in patients with hypercholesterolemia through decreasing oxidative stress. <b>2011</b> , 18, 1080-9	26
448	Endothelial dysfunction in cardiovascular and endocrine-metabolic diseases: an update. <b>2011</b> , 44, 920-32	60
447	Amlodipine ameliorates endothelial dysfunction in mesenteric arteries from spontaneously hypertensive rats. <b>2011</b> , 38, 255-61	14
446	Antenatal nicotine induces heightened oxidative stress and vascular dysfunction in rat offspring. <b>2011</b> , 164, 1400-9	57
445	Predicting the risk of cardiovascular disease in people exposed to moderate to high levels of dioxin. <b>2011</b> , 198, 317-22	3
444	Association between oxidative stress and masked hypertension in a multi-ethnic population of obese children and adolescents. <b>2011</b> , 158, 628-633.e1	39
443	Resveratrol prevents endothelial nitric oxide synthase uncoupling and attenuates development of hypertension in spontaneously hypertensive rats. <b>2011</b> , 667, 258-64	122
442	Age-related changes in renal expression of oxidant and antioxidant enzymes and oxidative stress markers in male SHR and WKY rats. <b>2011</b> , 46, 468-74	26



441	The Endothelium, Part I: Multiple Functions of the Endothelial Cells -- Focus on Endothelium-Derived Vasoactive Mediators. <b>2011</b> , 3, 1-306	38
440	Lanthanide complex of 1-phenyl-3-methyl-5-hydroxypyrazole-4-carbaldehyde-(isonicotinoyl) hydrazone: crystal structure and DNA-binding properties. <b>2011</b> , 64, 2974-2983	23
439	Synthesis, characterization, DNA binding properties and antioxidant activity of Ln(III) complexes with Schiff base ligand derived from 3-carbaldehyde chromone and aminophenazone. <b>2011</b> , 21, 1091-102	16
438	Angiotensin II downregulates catalase expression and activity in vascular adventitial fibroblasts through an AT1R/ERK1/2-dependent pathway. <b>2011</b> , 358, 21-9	15
437	Differences in left ventricular cardiomyocyte loss induced by chronic intermittent hypoxia between spontaneously hypertensive and Wistar-Kyoto rats. <b>2011</b> , 15, 845-54	10
436	Short-term exercise provides left ventricular myocardial protection against intermittent hypoxia-induced apoptosis in rats. <b>2011</b> , 111, 1939-50	5
435	Effects of antihypertensive treatment on endothelial function. <b>2011</b> , 13, 276-81	45
434	Antihypertensive peptides: production, bioavailability and incorporation into foods. <b>2011</b> , 165, 23-35	326
433	Inflammation in hypertension: current therapeutic approaches. <b>2011</b> , 17, 4121-31	29
432	Uric acid as a marker of oxidative stress in dilatation of the ascending aorta. <b>2011</b> , 24, 149-54	25
431	Toxic effects of mercury, lead and gadolinium on vascular reactivity. <b>2011</b> , 44, 939-46	38
430	Long-term ouabain treatment impairs vascular function in resistance arteries. <b>2011</b> , 48, 316-26	19
429	The Metabolic Syndrome and Biochemical Recurrence following Radical Prostatectomy. <b>2011</b> , 2011, 245642	30
428	Studies on Renal Disorders. <b>2011</b> ,	3
427	Glutathione S-transferase M1 and T1 gene polymorphisms and risk of hypertension in tea garden workers of North-East India. <b>2011</b> , 15, 771-6	11
426	Role of reactive oxygen species and redox in regulating the function of transient receptor potential channels. <b>2011</b> , 15, 1549-65	38
425	Circulating progenitor cells are increased in newly diagnosed untreated hypertensive patients with arterial stiffening but normal carotid intima-media thickness. <b>2011</b> , 34, 876-83	32
424	Effect of olmesartan on oxidative stress in hypertensive patients: mechanistic support to clinical trials derived evidence. <b>2011</b> , 20, 376-82	14

423	Association of a BLVRA common polymorphism with essential hypertension and blood pressure in Kazaks. <b>2011</b> , 33, 294-8		9
422	Angiotensin AT <sub>1</sub> receptor stimulation inhibits early renal inflammation in renovascular hypertension. <i>Hypertension</i> , <b>2011</b> , 57, 308-13	8.5	123
421	A pilot assessment of oxidative stress byproducts and antioxidant activities among Indian patients with various stages of hypertension. <b>2011</b> , 33, 437-43		7
420	Garlic increases antioxidant levels in diabetic and hypertensive rats determined by a modified peroxidase method. <b>2011</b> , 2011, 703049		44
419	Oxidative stress contributes to sex differences in blood pressure in adult growth-restricted offspring. <i>Hypertension</i> , <b>2012</b> , 60, 114-22	8.5	60
418	Role of propolis on tyrosine hydroxylase activity and blood pressure in nitric oxide synthase-inhibited hypertensive rats. <b>2012</b> , 34, 424-8		22
417	Antihypertensive role of polyphenols. <b>2012</b> , 58, 225-54		43
416	Investigating endothelial activation and oxidative stress in relation to glycaemic control in a multiethnic population. <b>2012</b> , 2012, 386041		7
415	Reactive Oxygen Species Modulation of Na/K-ATPase Regulates Fibrosis and Renal Proximal Tubular Sodium Handling. <b>2012</b> , 2012, 381320		40
414	Effects of lisinopril on NMDA receptor subunits 2A and 2B levels in the hippocampus of rats with L-NAME-induced hypertension. <b>2012</b> , 32, 279-84		2
413	AAV-based RNAi silencing of NADPH oxidase gp91(phox) attenuates cold-induced cardiovascular dysfunction. <b>2012</b> , 23, 1016-26		18
412	Associations between reactive oxygen species, blood pressure and arterial stiffness in black South Africans: the SABPA study. <b>2012</b> , 26, 91-7		32
411	Angiotensin II-induced mitochondrial reactive oxygen species and peroxiredoxin-3 expression in cardiac fibroblasts. <b>2012</b> , 30, 1986-91		14
410	Liver growth factor treatment reverses vascular and plasmatic oxidative stress in spontaneously hypertensive rats. <b>2012</b> , 30, 1185-94		15
409	Free radical biology of the cardiovascular system. <b>2012</b> , 123, 73-91		104
408	Influence of ovariectomy on cardiac oxidative stress in a renovascular hypertension model. <b>2012</b> , 90, 1229-34		10
407	Stimulation of reactive oxygen species and collagen synthesis by angiotensin II in cardiac fibroblasts. <b>2012</b> , 30, e1-8		54
406	Oxidative stress in hypertensive children before and after 1 year of antihypertensive therapy. <b>2012</b> , 27, 1943-51		27

405	The dietary phase 2 protein inducer sulforaphane can normalize the kidney epigenome and improve blood pressure in hypertensive rats. <b>2012</b> , 25, 229-35	47
404	Nitric oxide at the CVLM is involved in the attenuation of the reflex bradycardia in renovascular hypertensive rats. <b>2012</b> , 26, 118-25	10
403	Immunocytological and biochemical analysis of the mode of action of bis (tri-n-butyltin) tri-oxide (TBTO) in Jurkat cells. <b>2012</b> , 212, 126-36	15
402	Diabetes, oxidative stress, molecular mechanism, and cardiovascular disease--an overview. <b>2012</b> , 22, 330-5	71
401	Total antioxidant capacity from diet and risk of myocardial infarction: a prospective cohort of women. <b>2012</b> , 125, 974-80	61
400	Angiotensin I-converting enzyme inhibitory peptides: Inhibition mode, bioavailability, and antihypertensive effects. <b>2012</b> , 2, 130-136	90
399	Endothelium-dependent vasodilation by ferulic acid in aorta from chronic renal hypertensive rats. <b>2012</b> , 31, 227-33	15
398	Excess nicotinamide inhibits methylation-mediated degradation of catecholamines in normotensives and hypertensives. <b>2012</b> , 35, 180-5	23
397	Endothelial dysfunction and hypertension in aging. <b>2012</b> , 35, 1039-47	126
396	Hypertension and endothelial dysfunction: therapeutic approach. <b>2012</b> , 10, 42-60	105
395	Antihypertensive peptides from food proteins: a review. <b>2012</b> , 3, 350-61	194
394	The effect of one night of continuous positive airway pressure therapy on oxidative stress and antioxidant defense in hypertensive patients with severe obstructive sleep apnea. <b>2012</b> , 16, 499-504	21
393	Radical scavenging, antioxidant and metal chelating activities of Annona cherimola Mill. (cherimoya) peel and pulp in relation to their total phenolic and total flavonoid contents. <b>2012</b> , 25, 179-184	97
392	Glutathione peroxidase 1 (GPX1) single nucleotide polymorphism Pro198->Leu: Association with life span and coronary artery disease. <b>2012</b> , 46, 433-437	5
391	Structurally diverse copper(II) complexes with pyridazine-integrated with pyrazine-Schiff base ligand featuring an easily lost proton in the hydrazone backbone. <b>2013</b> , 15, 6359	27
390	Aortic valve stenosis and arterial hypertension: a synopsis in 2013. <b>2013</b> , 15, 298-303	4
389	Loss of oxidative stress tolerance in hypertension is linked to reduced catalase activity and increased c-Jun NH2-terminal kinase activation. <b>2013</b> , 56, 112-22	10
388	Hydrogen peroxide induced impairment of endothelial progenitor cell viability is mediated through a FoxO3a dependant mechanism. <b>2013</b> , 90, 48-54	17

387	Palmitate induces apoptosis in mouse aortic endothelial cells and endothelial dysfunction in mice fed high-calorie and high-cholesterol diets. <b>2013</b> , 92, 1165-73	40
386	Peach ( <i>Prunus persica</i> ) extract inhibits angiotensin II-induced signal transduction in vascular smooth muscle cells. <b>2013</b> , 139, 371-6	9
385	Redox balance and cardioprotection. <b>2013</b> , 108, 392	97
384	Function of NADPH oxidase 1 in pulmonary arterial smooth muscle cells after monocrotaline-induced pulmonary vascular remodeling. <b>2013</b> , 19, 2213-31	57
383	Arsenic upregulates the expression of angiotensin II Type I receptor in mouse aortic endothelial cells. <b>2013</b> , 220, 70-5	24
382	Resistance of casein-derived bioactive peptides to simulated gastrointestinal digestion. <b>2013</b> , 32, 71-78	33
381	Pathophysiology of hypertension in the absence of nitric oxide/cyclic GMP signaling. <b>2013</b> , 15, 47-58	33
380	Regulation of oxidative stress by Nrf2 in the pathophysiology of infectious diseases. <b>2013</b> , 43, 100-7	46
379	Pleiotropic antioxidant potential of rosuvastatin in preventing cardiovascular disorders. <b>2013</b> , 711, 57-62	22
378	Hypoxia-inducible plasmid expressing both miSHP-1 and HO-1 for the treatment of ischemic disease. <b>2013</b> , 165, 22-8	13
377	Potential Health Benefits of Blackcurrants. <b>2013</b> , 215-250	1
376	Sesamin ameliorates arterial dysfunction in spontaneously hypertensive rats via downregulation of NADPH oxidase subunits and upregulation of eNOS expression. <b>2013</b> , 34, 912-20	28
375	Construction of two novel reciprocal conplastic rat strains and characterization of cardiac mitochondria. <b>2013</b> , 304, H22-32	22
374	Nutrition and Blood Pressure. <b>2013</b> , 415-443	
373	Oxidative stress-related biomarkers in essential hypertension and ischemia-reperfusion myocardial damage. <b>2013</b> , 35, 773-90	144
372	Are there race-dependent endothelial cell responses to exercise?. <b>2013</b> , 41, 44-54	10
371	Estrogen normalizes perinatal nicotine-induced hypertensive responses in adult female rat offspring. <i>Hypertension</i> , <b>2013</b> , 61, 1246-54	8.5 29
370	Therapeutic Potential of the Nitrite-Generated NO Pathway in Vascular Dysfunction. <b>2013</b> , 4, 174	32

369	Role of the renin-angiotensin system on abdominal aortic aneurysms. <b>2013</b> , 43, 1328-38	27
368	Fruit and vegetable consumption with risk of abdominal aortic aneurysm. <b>2013</b> , 128, 795-802	26
367	Hypertension, obesity and prostate cancer biochemical recurrence after radical prostatectomy. <b>2013</b> , 16, 62-6	38
366	Reactive oxygen species as therapeutic targets in pulmonary hypertension. <b>2013</b> , 7, 175-200	40
365	Effects of continuous ingestion of hesperidin and glucosyl hesperidin on vascular gene expression in spontaneously hypertensive rats. <b>2013</b> , 59, 470-3	25
364	Association between oxidative stress and blood pressure in Korean subclinical hypertensive patients. <b>2013</b> , 46, 126	5
363	Antihypertensive Properties of Plant Protein Derived Peptides. <b>2013</b> ,	6
362	Short-term alpha- or gamma-delta-enriched tocopherol oil supplementation differentially affects the expression of proinflammatory mediators: selective impacts on characteristics of protein tyrosine nitration in vivo. <b>2013</b> , 3, 6	6
361	The role of oxidative stress and inflammation in cardiovascular aging. <b>2014</b> , 2014, 615312	133
360	Association between hypertension and periodontitis: possible mechanisms. <b>2014</b> , 2014, 768237	54
359	Essential hypertension and oxidative stress: New insights. <b>2014</b> , 6, 353-66	127
358	Is there an association between periodontitis and hypertension?. <b>2014</b> , 10, 355-61	56
357	Targeting of the Adenosine Receptors as A Novel Strategy for the Treatment of Arterial Hypertension. <b>2014</b> , 05,	1
356	Quercetin Attenuates Testicular Damage and Oxidative Stress in Streptozotocin-induced Diabetic Rats. <b>2014</b> , 5, 88-97	7
355	Lipoxin A4 mediates aortic contraction via RHOA/RHO kinase, endothelial dysfunction and reactive oxygen species. <b>2014</b> , 51, 407-17	12
354	Modulation of (Na,K)-ATPase activity by membrane fatty acid composition: therapeutic implications in human hypertension. <b>2014</b> , 36, 17-26	19
353	Vascular oxidative stress upregulates angiotensin II type I receptors via mechanisms involving nuclear factor kappa B. <b>2014</b> , 36, 367-73	26
352	Oxidative Stress and Cardiovascular Diseases. <b>2014</b> , 12, 296-303	3

351	Propionyl-L-Carnitine is Efficacious in Ulcerative Colitis Through its Action on the Immune Function and Microvasculature. <b>2014</b> , 5, e55	27
350	Propolis reduces oxidative stress in L-NAME-induced hypertension rats. <b>2014</b> , 32, 150-4	25
349	Rostafuroxin ameliorates endothelial dysfunction and oxidative stress in resistance arteries from deoxycorticosterone acetate-salt hypertensive rats: the role of Na <sup>+</sup> K <sup>+</sup> -ATPase/ cSRC pathway. <b>2014</b> , 32, 542-54	29
348	An acute rise in intraluminal pressure shifts the mediator of flow-mediated dilation from nitric oxide to hydrogen peroxide in human arterioles. <b>2014</b> , 307, H1587-93	49
347	Circulating progenitor cells in rheumatoid arthritis: association with inflammation and oxidative stress. <b>2014</b> , 43, 184-93	20
346	Impaired enzymatic antioxidant defense in erythrocytes of women with general and abdominal obesity. <b>2014</b> , 8, e26-34	32
345	Impact of inflammation on vascular disease in hypertension. <b>2014</b> , 78, 179-83	72
344	Testing the concept of the interatomic status of the NFE2L2/AP1 pathway as a systemic biomarker for examination stress. <b>2014</b> , 18, 355-69	3
343	Aqueous extract of dioscorea opposita thunb. normalizes the hypertension in 2K1C hypertensive rats. <b>2014</b> , 14, 36	21
342	Innate immunity in hypertension. <b>2014</b> , 16, 413	36
341	Spectral, electrochemical, thermal, DNA binding ability, antioxidant and antibacterial studies of novel Ru(III) Schiff base complexes. <b>2014</b> , 124, 404-15	34
340	Glutathione-S-transferase M1 and T1 null genotypes are associated with hypertension risk: a systematic review and meta-analysis of 12 studies. <b>2014</b> , 16, 432	31
339	Oxidative stress and endothelial dysfunction: clinical evidence and therapeutic implications. <b>2014</b> , 24, 165-9	101
338	The quest for selective nox inhibitors and therapeutics: challenges, triumphs and pitfalls. <b>2014</b> , 20, 2741-54	61
337	Analytical method for lipoperoxidation relevant reactive aldehydes in human sera by high-performance liquid chromatography-fluorescence detection. <b>2014</b> , 464, 36-42	32
336	Diagnostic morphology: biophysical indicators for iron-driven inflammatory diseases. <b>2014</b> , 6, 486-510	102
335	Prenatal hypoxia leads to increased muscle sympathetic nerve activity, sympathetic hyperinnervation, premature blunting of neuropeptide Y signaling, and hypertension in adult life. <i>Hypertension</i> , <b>2014</b> , 64, 1321-7	8.5 35
334	Vanillic acid: a potential inhibitor of cardiac and aortic wall remodeling in L-NAME induced hypertension through upregulation of endothelial nitric oxide synthase. <b>2014</b> , 38, 643-52	27

333	Endogenous NO upon estradiol-17 $\beta$ stimulation and NO donor differentially regulate mitochondrial S-nitrosylation in endothelial cells. <b>2014</b> , 155, 3005-16	7
332	Visceral Fat and Hypertension: Sex Differences. <b>2014</b> , 99-111	1
331	Vascular oxidative stress, nitric oxide and atherosclerosis. <b>2014</b> , 237, 208-19	427
330	A quinazoline-derivative compound with PARP inhibitory effect suppresses hypertension-induced vascular alterations in spontaneously hypertensive rats. <b>2014</b> , 1842, 935-44	16
329	The role of Nox1 and Nox2 in GPVI-dependent platelet activation and thrombus formation. <b>2014</b> , 2, 178-86	74
328	Hydrogen sulphide and tempol treatments improve the blood pressure and renal excretory responses in spontaneously hypertensive rats. <b>2014</b> , 36, 598-605	32
327	Synthesis, antioxidant and cytoprotective evaluation of potential antiatherogenic phenolic hydrazones. A structure-activity relationship insight. <b>2014</b> , 22, 4269-76	20
326	[Drug development for cardiorenal disease based on oxidative stress control]. <b>2014</b> , 134, 715-9	2
325	H <sub>2</sub> S inhibition of chemical hypoxia-induced proliferation of HPASMCs is mediated by the upregulation of COX-2/PGI <sub>2</sub> . <b>2014</b> , 33, 359-66	19
324	Direct radical scavenging activity of benzbromarone provides beneficial antioxidant properties for hyperuricemia treatment. <b>2015</b> , 38, 487-92	22
323	Eriodictyol, a plant flavonoid, attenuates LPS-induced acute lung injury through its antioxidative and anti-inflammatory activity. <b>2015</b> , 10, 2259-2266	59
322	The decreased expression of genes controlling the vascular tone in the kidneys of ISIAH rats with stress-induced arterial hypertension. <b>2015</b> , 5, 340-347	
321	Antihypertensive Effects of Artemisia scoparia Waldst in Spontaneously Hypertensive Rats and Identification of Angiotensin I Converting Enzyme Inhibitors. <b>2015</b> , 20, 19789-804	23
320	An Investigation of Organic and Inorganic Mercury Exposure and Blood Pressure in a Small-Scale Gold Mining Community in Ghana. <b>2015</b> , 12, 10020-38	24
319	Mamao Pomace Extract Alleviates Hypertension and Oxidative Stress in Nitric Oxide Deficient Rats. <b>2015</b> , 7, 6179-94	15
318	Priming Mesenchymal Stem Cells with Endothelial Growth Medium Boosts Stem Cell Therapy for Systemic Arterial Hypertension. <b>2015</b> , 2015, 685383	12
317	The protective effect of lipoic acid on selected cardiovascular diseases caused by age-related oxidative stress. <b>2015</b> , 2015, 313021	38
316	Oxidative Stress State Is Associated with Left Ventricular Mechanics Changes, Measured by Speckle Tracking in Essential Hypertensive Patients. <b>2015</b> , 2015, 502107	3

315	Oxidative stress in hypertension: mechanisms and therapeutic opportunities. <b>2015</b> , 123, 325-35	54
314	V-shaped ligand 1,3-bis(1-ethylbenzimidazol-2-yl)-2-thiapropane and manganese(II), cobalt(II) and copper(II) complexes: Synthesis, crystal structure, DNA-binding properties and antioxidant activities. <b>2015</b> , 148, 252-261	40
313	Metabolic syndrome, aging and involvement of oxidative stress. <b>2015</b> , 6, 109-20	339
312	Superoxide overproduction and kidney fibrosis: a new animal model. <b>2015</b> , 13, 79-88	6
311	Optical cryoimaging of rat kidney and the effective role of chromosome 13 in salt-induced hypertension. <b>2015</b> ,	
310	Macrophage depletion lowers blood pressure and restores sympathetic nerve $\alpha$ -adrenergic receptor function in mesenteric arteries of DOCA-salt hypertensive rats. <b>2015</b> , 309, H1186-97	24
309	Comparing antioxidant capacity of purine alkaloids: a new, efficient trio for screening and discovering potential antioxidants in vitro and in vivo. <b>2015</b> , 176, 411-9	25
308	Cytosolic phospholipase A2s critical for angiotensin II-induced hypertension and associated cardiovascular pathophysiology. <i>Hypertension</i> , <b>2015</b> , 65, 784-92	8.5 19
307	Free radicals: properties, sources, targets, and their implication in various diseases. <b>2015</b> , 30, 11-26	1053
306	Zinc(II) and Co(II) Complexes based on Bis(N-allylbenzimidazol-2-ylmethyl) Aniline: Synthesis, Crystal Structures and Antioxidative Activity. <b>2015</b> , 39, 76-81	4
305	Serum biomarkers predictive of pre-eclampsia. <b>2015</b> , 9, 563-75	7
304	Oxidative stress in obesity: a critical component in human diseases. <b>2014</b> , 16, 378-400	479
303	Production of a wheat-based fermented rice enriched with $\beta$ -amino butyric acid using <i>Lactobacillus plantarum</i> MNZ and its antihypertensive effects in spontaneously hypertensive rats. <b>2015</b> , 16, 194-203	10
302	Using oxidant susceptibility of thiol stabilized nanoparticles to develop an inflammation triggered drug release system. <b>2015</b> , 3, 1597-1604	13
301	High Calorie Diet and the Human Brain. <b>2015</b> ,	9
300	Lutein dietary supplementation attenuates streptozotocin-induced testicular damage and oxidative stress in diabetic rats. <b>2015</b> , 15, 204	32
299	Role of SIRT3 in Angiotensin II-induced human umbilical vein endothelial cells dysfunction. <b>2015</b> , 15, 81	22
298	Systemic circulatory influences on retinal microvascular function in middle-age individuals with low to moderate cardiovascular risk. <b>2015</b> , 93, e266-74	7



297	Oxidative stress in chronic vascular disease: From prediction to prevention. <b>2015</b> , 74, 23-37	94
296	Gender-specific protective effect of the -463G>A polymorphism of myeloperoxidase gene against the risk of essential hypertension in Russians. <b>2015</b> , 9, 902-6	7
295	Farrerol can attenuate the aortic lesion in spontaneously hypertensive rats via the upregulation of eNOS and reduction of NAD(P)H oxidase activity. <b>2015</b> , 769, 211-8	8
294	Obesity, Oxidative Stress, Adipose Tissue Dysfunction, and the Associated Health Risks: Causes and Therapeutic Strategies. <b>2015</b> , 13, 423-44	401
293	Correlation of matrix metalloproteinase-2 single nucleotide polymorphisms with the risk of small vessel disease (SVD). <b>2015</b> , 356, 61-4	13
292	Post-translational modifications disclose a dual role for redox stress in cardiovascular pathophysiology. <b>2015</b> , 129, 42-7	19
291	Uremic toxins, oxidative stress, and renal fibrosis: an intertwined complex. <b>2015</b> , 25, 155-9	17
290	Synthesis of oxidant prone nanosilver to develop H2O2 responsive drug delivery system. <b>2015</b> , 31, 514-21	20
289	Differential transcriptional activity of kidney genes in hypertensive ISIAH and normotensive WAG rats. <b>2015</b> , 37, 249-59	10
288	Protective Effect of an Isoflavone, Tectorigenin, Against Oxidative Stress-induced Cell Death via Catalase Activation. <b>2016</b> , 21, 257-263	7
287	Oxidative Stress and Essential Hypertension. <b>2016</b> ,	3
286	Berries and blood pressure. <b>2016</b> , 313-328	1
285	Upregulation of Heme Oxygenase-1 in Response to Wild Thyme Treatment Protects against Hypertension and Oxidative Stress. <b>2016</b> , 2016, 1458793	7
284	Training Status as a Marker of the Relationship between Nitric Oxide, Oxidative Stress, and Blood Pressure in Older Adult Women. <b>2015</b> , 2015, 8262383	6
283	Mesenchymal Stem Cells and Metabolic Syndrome: Current Understanding and Potential Clinical Implications. <b>2016</b> , 2016, 2892840	14
282	Inhibition of PDE5 Restores Depressed Baroreflex Sensitivity in Renovascular Hypertensive Rats. <b>2016</b> , 7, 15	16
281	Carbonylation Modification Regulates Na/K-ATPase Signaling and Salt Sensitivity: A Review and a Hypothesis. <b>2016</b> , 7, 256	13
280	Modified Lipids and Lipoproteins in Chronic Kidney Disease: A New Class of Uremic Toxins. <b>2016</b> , 8,	51

279	The Influences of Dietary Sugar and Related Metabolic Disorders on Cognitive Aging and Dementia. <b>2016</b> , 331-344	3
278	Contribution of mitochondrial oxidative stress to hypertension. <b>2016</b> , 25, 73-80	38
277	Plasma Kallikrein Inhibitors in Cardiovascular Disease: An Innovative Therapeutic Approach. <b>2016</b> , 24, 99-109	15
276	Vascular peroxidase 1 up regulation by angiotensin II attenuates nitric oxide production through increasing asymmetrical dimethylarginine in HUVECs. <b>2016</b> , 10, 741-751.e3	10
275	Endothelial Dysfunction in Resistance Arteries of Hypertensive Humans: Old and New Conspirators. <b>2016</b> , 67, 451-7	21
274	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. <b>2016</b> , 67, 503-9	22
273	The association of oxidative stress with arterial compliance and vascular resistance in a bi-ethnic population: the SABPA study. <b>2016</b> , 50, 920-8	13
272	Maternal inflammation activated ROS-p38 MAPK predisposes offspring to heart damages caused by isoproterenol via augmenting ROS generation. <b>2016</b> , 6, 30146	29
271	????????????? <b>2016</b> , 119, 840-845	1
270	ACE- inhibitory and radical scavenging activities of bioactive peptides obtained from camel milk casein hydrolysis with proteinase K. <b>2016</b> , 96, 489-499	26
269	Endothelial Dysfunction, and A Prothrombotic, Proinflammatory Phenotype Is Caused by Loss of Mitochondrial Thioredoxin Reductase in Endothelium. <b>2016</b> , 36, 1891-9	31
268	Angiotensin II induces interleukin-6 expression in astrocytes: Role of reactive oxygen species and NF- $\kappa$ B. <b>2016</b> , 437, 130-141	22
267	NADPH oxidases: key modulators in aging and age-related cardiovascular diseases?. <b>2016</b> , 130, 317-35	95
266	Protein Carbonylation of an Amino Acid Residue of the Na/K-ATPase $\beta$ Subunit Determines Na/K-ATPase Signaling and Sodium Transport in Renal Proximal Tubular Cells. <b>2016</b> , 5,	24
265	Interventions for age-related diseases: Shifting the paradigm. <b>2016</b> , 160, 69-92	41
264	Impact of apocynin on vascular disease in hypertension. <b>2016</b> , 87, 1-5	23
263	Correlation of Oxidative Stress Parameters and Inflammatory Markers in Ischemic Stroke Patients. <b>2016</b> , 25, 2585-2593	28
262	MicroRNA-21 Lowers Blood Pressure in Spontaneous Hypertensive Rats by Upregulating Mitochondrial Translation. <b>2016</b> , 134, 734-51	106

261	Human hypertension, sympathetic activity and the selfish brain. <b>2016</b> , 101, 1451-1462	18
260	Antioxidative effect of phycoerythrin derived from <i>Grateloupia filicina</i> on rat primary astrocytes. <b>2016</b> , 21, 676-682	10
259	NADPH oxidase 4 is not involved in hypoxia-induced pulmonary hypertension. <b>2016</b> , 6, 397-400	24
258	The protective effect of a buckwheat-enriched diet on renal injury in high salt-induced hypertension in rats. <b>2016</b> , 7, 3548-54	9
257	Resistance or aerobic training decreases blood pressure and improves cardiovascular autonomic control and oxidative stress in hypertensive menopausal rats. <b>2016</b> , 121, 1032-1038	22
256	Comparative transcriptional profiling of renal cortex in rats with inherited stress-induced arterial hypertension and normotensive Wistar Albino Glaxo rats. <b>2016</b> , 17 Suppl 1, 12	9
255	Age-related changes in hypertensive brain damage in the hippocampi of spontaneously hypertensive rats. <b>2016</b> , 13, 2552-60	13
254	Febuxostat, a novel xanthine oxidoreductase inhibitor, improves hypertension and endothelial dysfunction in spontaneously hypertensive rats. <b>2016</b> , 389, 831-8	21
253	Taurine and pioglitazone attenuate diabetes-induced testicular damage by abrogation of oxidative stress and up-regulation of the pituitary-gonadal axis. <b>2016</b> , 94, 651-61	33
252	Inhibition of pyruvate kinase M2 by reactive oxygen species contributes to the development of pulmonary arterial hypertension. <b>2016</b> , 91, 179-87	28
251	Mitochondrial signaling in the vascular endothelium: beyond reactive oxygen species. <b>2016</b> , 111, 26	30
250	Direct vascular actions of quercetin in aorta from renal hypertensive rats. <b>2016</b> , 35, 15-21	13
249	Sex differences in the blood antioxidant defense system in juvenile rats with various genetic predispositions to hypertension. <b>2016</b> , 39, 64-9	12
248	Paraventricular Nucleus Infusion of Epigallocatechin-3-O-Gallate Improves Renovascular Hypertension. <b>2016</b> , 16, 276-85	13
247	Acute administration of single oral dose of grape seed polyphenols restores blood pressure in a rat model of metabolic syndrome: role of nitric oxide and prostacyclin. <b>2016</b> , 55, 749-758	30
246	Prenatal phthalate exposure and 8-isoprostane among Mexican-American children with high prevalence of obesity. <b>2017</b> , 8, 196-205	20
245	Cytotoxic effect of zinc oxide nanoparticles on murine photoreceptor cells via potassium channel block and Na <sup>+</sup> /K <sup>+</sup> -ATPase inhibition. <b>2017</b> , 50,	16
244	Microvascular NADPH oxidase in health and disease. <b>2017</b> , 109, 33-47	43

243	Antioxidant therapy for management of oxidative stress induced hypertension. <b>2017</b> , 51, 428-438	51
242	Gamma-glutamyltransferase, fatty liver index and hepatic insulin resistance are associated with incident hypertension in two longitudinal studies. <b>2017</b> , 35, 493-500	40
241	Metabolic Syndrome and Aggressive Prostate Cancer at Initial Diagnosis. <b>2017</b> , 49, 507-509	7
240	In vivo and molecular docking studies using whole extract and phytochemicals of <i>Aegle marmelos</i> fruit protective effects against Isoproterenol-induced Myocardial infarction in rats. <b>2017</b> , 91, 880-889	14
239	Mitochondrial DNA mutations and cardiovascular disease. <b>2017</b> , 32, 267-274	26
238	Carbonylated Proteins and Their Metabolic Regulation. <b>2017</b> , 110-130	
237	Effect of oxidative stress on racial differences in vascular function at rest and during hand grip exercise. <b>2017</b> , 35, 2006-2015	5
236	Maternal low-protein diet in female rat heart: possible protective effect of estradiol. <b>2017</b> , 8, 322-330	7
235	Studies on Atherosclerosis. <b>2017</b> ,	3
234	Role of Oxidative Stress in Hypertension. <b>2017</b> , 59-78	0
233	Involvement of NADPH oxidase in high-dose phenolic acid-induced pro-oxidant activity on rat mesenteric venules. <b>2017</b> , 13, 17-22	11
232	The opposing roles of NO and oxidative stress in cardiovascular disease. <b>2017</b> , 116, 57-69	56
231	Simple and sensitive determination of malondialdehyde in human urine and saliva using UHPLC-MS/MS after derivatization with 3,4-diaminobenzophenone. <b>2017</b> , 40, 3958-3968	10
230	Impact of Oxidative Stress on the Heart and Vasculature: Part 2 of a 3-Part Series. <b>2017</b> , 70, 212-229	246
229	Effect of rutin on diabetic-induced erectile dysfunction: Possible involvement of testicular biomarkers in male rats. <b>2017</b> , 49, e12737	18
228	Different Impact of Essential Hypertension on Structural and Functional Age-Related Vascular Changes. <i>Hypertension</i> , <b>2017</b> , 69, 71-78	8,5 48
227	Essential Oil Composition, Antioxidant, Antidiabetic and Antihypertensive Properties of Two <i>Aframomum</i> Species. <b>2017</b> , 66, 51-63	25
226	The Anti-Inflammatory and Vasodilating Effects of Three Selected Dietary Organic Sulfur Compounds from <i>Allium</i> Species. <b>2017</b> , 8,	16

225	Na/K-ATPase Signaling and Salt Sensitivity: The Role of Oxidative Stress. <b>2017</b> , 6,	4
224	Contribution of Autonomic Reflexes to the Hyperadrenergic State in Heart Failure. <b>2017</b> , 11, 162	15
223	Seeds Attenuate Vascular Oxidative and Nitrosative Stresses in Spontaneously Hypertensive Rats. <b>2017</b> , 2017, 4129459	21
222	Chronic Kidney Disease and Disproportionally Increased Cardiovascular Damage: Does Oxidative Stress Explain the Burden?. <b>2017</b> , 2017, 9036450	52
221	Chronic treatment with paeonol improves endothelial function in mice through inhibition of endoplasmic reticulum stress-mediated oxidative stress. <b>2017</b> , 12, e0178365	23
220	Antioxidant and vasorelaxant activities induced by northeastern Brazilian fermented grape skins. <b>2017</b> , 17, 376	7
219	The Effects of Aqueous Extract from Batalin on Blood Pressure and Cardiac Hypertrophy in Two-Kidney One-Clip Hypertensive Rats. <b>2017</b> , 2017, 4031950	4
218	Acetone fraction from <i>Sechium edule</i> (Jacq.) S.w. edible roots exhibits anti-endothelial dysfunction activity. <b>2018</b> , 220, 75-86	4
217	Galectin-3 down-regulates antioxidant peroxiredoxin-4 in human cardiac fibroblasts: a new pathway to induce cardiac damage. <b>2018</b> , 132, 1471-1485	26
216	Targeting Mitochondria in Age-Related Vascular Changes: A New Arrow to the Bow of Antioxidant Treatment?. <i>Hypertension</i> , <b>2018</b> , 71, 1023-1025	8,5 3
215	Antioxidant effects and mechanism of silymarin in oxidative stress induced cardiovascular diseases. <b>2018</b> , 102, 689-698	80
214	Systemic redox biomarkers and their relationship to prognostic risk markers in autosomal dominant polycystic kidney disease and IgA nephropathy. <b>2018</b> , 56, 33-40	7
213	Risk Factors of Atherosclerosis. <b>2018</b> , 43-66	3
212	Brain Cytosolic Phospholipase A2 $\beta$ Mediates Angiotensin II-Induced Hypertension and Reactive Oxygen Species Production in Male Mice. <b>2018</b> , 31, 622-629	5
211	Exposure to DDT and hypertensive disorders of pregnancy among South African women from an indoor residual spraying region: The VHEMBE study. <b>2018</b> , 162, 49-54	22
210	An investigation on 3-acetyl-7-methoxy-coumarin Schiff bases and their Ru(ii) metallates with potent antiproliferative activity and enhanced LDH and NO release.. <b>2018</b> , 8, 1539-1561	18
209	Four-, five- and six-coordinated transition metal complexes based on naphthalimide Schiff base ligands: Synthesis, crystal structure and properties. <b>2018</b> , 32, e3902	12
208	Quail ( <i>Coturnix japonica</i> ) egg yolk bioactive components attenuate streptozotocin-induced testicular damage and oxidative stress in diabetic rats. <b>2018</b> , 57, 2857-2867	6

207	Release of Biologically Active Peptides from Grape Juice by <i>Oenococcus oeni</i> Isolated from Argentine Wine. <b>2018</b> , 69, 89-93	3
206	Eryptosis and oxidative damage in hypertensive and dyslipidemic patients. <b>2018</b> , 440, 105-113	11
205	E-selectin gene in essential hypertension: a case-control study. <b>2018</b> , 48, e12868	6
204	Taurine enhances spermatogenic function and antioxidant defense mechanisms in testes and epididymis of L-NAME-induced hypertensive rats. <b>2018</b> , 97, 181-189	21
203	Rhynchophylla total alkaloid rescues autophagy, decreases oxidative stress and improves endothelial vasodilation in spontaneous hypertensive rats. <b>2018</b> , 39, 345-356	14
202	Pre-eclampsia and Diet. <b>2018</b> ,	
201	Assessment of the Effects of Oxidative Stress on Some Reproductive Hormones in Male Hypertensive Subjects at NAUTH, Nnewi. <b>2018</b> , 10,	1
200	Inflammation and Oxidative Stress in Adipose Tissue: Nutritional Regulation. <b>2018</b> , 63-92	2
199	Mitochondria and cardiovascular diseases-from pathophysiology to treatment. <b>2018</b> , 6, 256	120
198	Diuretics, Ca-Antagonists, and Angiotensin-Converting Enzyme Inhibitors Affect Zinc Status in Hypertensive Patients on Monotherapy: A Randomized Trial. <b>2018</b> , 10,	13
197	Quercetin attenuates hypertension induced by sodium fluoride via reduction in oxidative stress and modulation of HSP 70/ERK/PPAR $\beta$ signaling pathways. <b>2018</b> , 44, 465-479	20
196	Redox regulation and NO/cGMP plus K channel activation contributes to cardiorenal protection induced by <i>Cuphea carthagenensis</i> (Jacq.) J.F. Macbr. in ovariectomized hypertensive rats. <b>2018</b> , 51, 7-19	8
195	Effect of 3-nitropropionic acid inducing oxidative stress and apoptosis of granulosa cells in geese. <b>2018</b> , 38,	15
194	Xanthine oxidase activity in patients with age-related cataract associated with hypertension. <b>2018</b> , 51, e6129	4
193	Hypertension prevalence and influence of basal metabolic rate on blood pressure among adult students in Bangladesh. <b>2017</b> , 18, 58	19
192	Postulating the major environmental condition resulting in the expression of essential hypertension and its associated cardiovascular diseases: Dietary imprudence in daily selection of foods in respect of their potassium and sodium content resulting in oxidative stress-induced	0
191	Methylmercury exposure develops atherosclerotic risk factors in the aorta and programmed cell death in the cerebellum: ameliorative action of <i>Celastrus paniculatus</i> ethanolic extract in male Wistar rats. <b>2018</b> , 25, 30212-30223	2
190	Upregulation of Nrf2 and Decreased Redox Signaling Contribute to Renoprotective Effects of Chemerin Receptor Blockade in Diabetic Mice. <b>2018</b> , 19,	12

189	Homoeriodictyol protects human endothelial cells against oxidative insults through activation of Nrf2 and inhibition of mitochondrial dysfunction. <b>2018</b> , 109, 72-82	8
188	Treatment Based on Cinacalcet Reduces Oxidative Stress in Hemodialysis Patients with Secondary Hyperparathyroidism. <b>2018</b> , 139, 286-292	3
187	The natural phenolic compounds as modulators of NADPH oxidases in hypertension. <b>2019</b> , 55, 200-213	63
186	Oxidative stress, eryptosis and anemia: a pivotal mechanistic nexus in systemic diseases. <b>2019</b> , 286, 826-854	70
185	Taurine Ameliorates Thyroid Hypofunction and Renal Injury in L-NAME-Induced Hypertensive Rats. <b>2019</b> , 69, 83-92	7
184	Interactions between renal vascular resistance and endothelium-derived hyperpolarization in hypertensive rats in vivo. <b>2019</b> , 7, e14168	1
183	Mercury induces nuclear estrogen receptors to act as vasoconstrictors promoting endothelial denudation via the PI3K/Akt signaling pathway. <b>2019</b> , 381, 114710	2
182	Intricate role of oxidative stress in the progression of obesity. <b>2019</b> , 15, 100125	7
181	Triiodothyronine Reduces Vascular Dysfunction Associated with Hypertension by Attenuating Protein Kinase G/Vasodilator-Stimulated Phosphoprotein Signaling. <b>2019</b> , 371, 88-94	6
180	Paenol protects against hypertension in spontaneously hypertensive rats by restoring vascular endothelium. <b>2019</b> , 83, 1992-1999	8
179	Hukou system, mechanisms, and health stratification across the life course in rural and urban China. <b>2019</b> , 58, 102150	32
178	Circulating Leukocytes and Oxidative Stress in Cardiovascular Diseases: A State of the Art. <b>2019</b> , 2019, 2650429	8
177	Djulis ( <i>Chenopodium formosanum</i> ) and its bioactive compounds affect vasodilation, angiotensin converting enzyme activity, and hypertension. <b>2019</b> , 32, 100469	7
176	Oxidative Stress in Cardiovascular Diseases: Still a Therapeutic Target?. <b>2019</b> , 11,	197
175	Effects of Tianshu Capsule on Spontaneously Hypertensive Rats as Revealed by H-NMR-Based Metabolic Profiling. <b>2019</b> , 10, 989	7
174	Interventions targeted at oxidatively generated modifications of nucleic acids focused on urine and plasma markers. <b>2019</b> , 145, 256-283	10
173	Angiotensin II and vascular damage in hypertension: Role of oxidative stress and sympathetic activation. <b>2019</b> , 115, 13-17	46
172	Functionalized cerium oxide nanoparticles mitigate the oxidative stress and pro-inflammatory activity associated to the portal vein endothelium of cirrhotic rats. <b>2019</b> , 14, e0218716	12

171	Microparticles and cardiovascular diseases. <b>2019</b> , 51, 193-223	19
170	The Mechanism of Acupuncture in Treating Essential Hypertension: A Narrative Review. <b>2019</b> , 2019, 8676490	14
169	Mechanistic effects of SGLT2 inhibition on blood pressure in diabetes. <b>2019</b> , 13, 1679-1683	5
168	Metabolic Alterations, Aggressive Hormone-Dependent Prostate Cancer and Cardiovascular Disease: A Complex Relationship. <b>2019</b> , 55,	5
167	Cerebral Blood Flow in SHR Rats after Transplantation of Mesenchymal Stem Cells. <b>2019</b> , 166, 586-590	
166	Reductions in Postprandial Plasma Allantoin Concentrations With Increasing Doses of Polyphenol Rich Curry Intake - A Randomized Crossover Trial. <b>2018</b> , 9, 1899	4
165	Vascular Cardio-Oncology: Vascular Endothelial Growth Factor inhibitors and hypertension. <b>2019</b> , 115, 904-914	33
164	Protective effect of antioxidant Tempol on cardiac stem cells in chronic pressure overload hypertrophy. <b>2019</b> , 222, 88-93	6
163	Microparticles from vascular endothelial growth factor pathway inhibitor-treated cancer patients mediate endothelial cell injury. <b>2019</b> , 115, 978-988	21
162	Pharmacological strategies to lower crosstalk between nicotinamide adenine dinucleotide phosphate (NADPH) oxidase and mitochondria. <b>2019</b> , 111, 1478-1498	22
161	Associations between the lipid profile and the development of hypertension in young individuals - the preliminary study.. <b>2022</b> , 18, 25-35	1
160	-Lactoglobulin Heptapeptide Reduces Oxidative Stress in Intestinal Epithelial Cells and Angiotensin II-Induced Vasoconstriction on Mouse Mesenteric Arteries by Induction of Nuclear Factor Erythroid 2-Related Factor 2 (Nrf2) Translocation. <b>2019</b> , 2019, 1616239	6
159	Longitudinal changes in plasma hemopexin and alpha-1-microglobulin concentrations in women with and without clinical risk factors for pre-eclampsia. <b>2019</b> , 14, e0226520	2
158	Antioxidative potential of antidiabetic agents: A possible protective mechanism against vascular complications in diabetic patients. <b>2019</b> , 234, 2436-2446	44
157	Glucose-6-phosphate dehydrogenase deficiency increases cell adhesion molecules and activates human monocyte-endothelial cell adhesion: Protective role of l-cysteine. <b>2019</b> , 663, 11-21	21
156	Glutathione S-Transferase M1 and T1 polymorphisms and hypertension risk: an updated meta-analysis. <b>2019</b> , 33, 454-465	5
155	Effects of the Prdx2 depletion on blood pressure and life span in spontaneously hypertensive rats. <b>2019</b> , 42, 610-617	8
154	Effects of source on bioavailability of selenium, antioxidant status, and performance in lactating dairy cows during oxidative stress-inducing conditions. <b>2019</b> , 102, 311-319	24



153	A radical containing injectable in-situ-oleogel and emulgel for prolonged in-vivo oxygen measurements with CW EPR. <b>2019</b> , 130, 120-127	10
152	Sources of Vascular Nitric Oxide and Reactive Oxygen Species and Their Regulation. <b>2019</b> , 99, 311-379	173
151	Hypertensive crisis in children and adolescents. <b>2019</b> , 34, 2523-2537	25
150	Selective ETA vs. dual ETA/B receptor blockade for the prevention of sunitinib-induced hypertension and albuminuria in WKY rats. <b>2020</b> , 116, 1779-1790	13
149	Vasculoprotective effects of , and decoction via the NOXs-ROS-NF- $\kappa$ B pathway in spontaneously hypertensive rats. <b>2020</b> , 10, 378-388	4
148	Placental endothelial nitric oxide synthase expression and role of oxidative stress in susceptibility to preeclampsia in Pakistani women. <b>2020</b> , 8, e1019	7
147	Exercise-Induced Regulation of Redox Status in Cardiovascular Diseases: The Role of Exercise Training and Detraining. <b>2019</b> , 9,	15
146	Antihypertensive Effect and Safety Evaluation of Rice Bran Hydrolysates from Sang-Yod Rice. <b>2020</b> , 75, 89-95	6
145	Inducible Nitric Oxide Synthase and L-Arginine Optimizes Nitric Oxide Bioavailability in Ischemic Tissues Under Diabetes Mellitus Type 1. <b>2020</b> , 84, 106-112	
144	Extract Alleviates Vascular Alterations in Hypertensive Rats. <b>2020</b> , 56,	3
143	Impact of consumption of cooked red and black Chenopodium quinoa Willd. over blood lipids, oxidative stress, and blood glucose levels in hypertension-induced rats. <b>2020</b> , 97, 1254-1262	3
142	Microcirculation in Cardiovascular Diseases. <b>2020</b> ,	
141	Oxidative, Reductive, and Nitrosative Stress Effects on Epigenetics and on Posttranslational Modification of Enzymes in Cardiometabolic Diseases. <b>2020</b> , 2020, 8819719	6
140	Long-chain fatty dihydropyridines: Docking calcium channel studies and antihypertensive activity. <b>2020</b> , 259, 118210	1
139	Cardiovascular Therapeutic Potential of the Redox Siblings, Nitric Oxide (NO) and Nitroxyl (HNO), in the Setting of Reactive Oxygen Species Dysregulation. <b>2021</b> , 264, 311-337	2
138	Assessment of Plasma Sodium to Potassium Ratio, Renal Function, Markers of Oxidative Stress, Inflammation, and Endothelial Dysfunction in Nigerian Hypertensive Patients. <b>2020</b> , 2020, 6365947	2
137	Interactions Between Therapeutics for Metabolic Disease, Cardiovascular Risk Factors, and Gut Microbiota. <b>2020</b> , 10, 530160	5
136	Dental caries-related primary hypertension in children and adolescents: Cross-sectional study. <b>2021</b> , 27, 1822-1833	3

135	Comparison of Selenium Source in Preventing Oxidative Stress in Bovine Mammary Epithelial Cells. <b>2020</b> , 10,	4
134	Isocitrate dehydrogenase 2 deficiency aggravates prolonged high-fat diet intake-induced hypertension. <b>2020</b> , 34, 101548	7
133	Insulin resistance and heart disease. <b>2020</b> , 113-155	
132	Apoptosis signal-regulating kinase 1 inhibition in and models of pulmonary hypertension. <b>2020</b> , 10, 2045894026922810	
131	Nitrosative Stress and Its Association with Cardiometabolic Disorders. <b>2020</b> , 25,	29
130	Glutathione S-transferase M1 and T1 genes deletion polymorphisms and risk of developing essential hypertension: a case-control study in Burkina Faso population (West Africa). <b>2020</b> , 21, 55	4
129	Association between serum liver enzymes and hypertension: a cross-sectional study in Bangladeshi adults. <b>2020</b> , 20, 128	14
128	Bifunctional peptides with antioxidant and angiotensin-converting enzyme inhibitory activity in vitro from egg white hydrolysates. <b>2020</b> , 44, e13347	9
127	Pro-Oxidant Enzymes, Redox Balance and Oxidative Damage to Proteins, Lipids and DNA in Colorectal Cancer Tissue. Is Oxidative Stress Dependent on Tumour Budding and Inflammatory Infiltration?. <b>2020</b> , 12,	32
126	The Redox-Sensitive Na/K-ATPase Signaling in Uremic Cardiomyopathy. <b>2020</b> , 21,	5
125	Bioactive lead compounds and molecular targets for the treatment of heart diseases. <b>2020</b> , 67-94	
124	Pathophysiology of Obesity-Induced Health Complications. <b>2020</b> ,	2
123	Reactive oxygen species in renal vascular function. <b>2020</b> , 229, e13477	12
122	The impact of propranolol on nitric oxide and total antioxidant capacity in patients with resistant hypertension-evidence from the APPROPRIATE trial. <b>2020</b> , 13, 228	0
121	Oxidative-Species-Selective Materials for Diagnostic and Therapeutic Applications. <b>2021</b> , 60, 9804-9827	21
120	Materialien mit Selektivität für oxidative Molekülspezies für die Diagnostik und Therapie. <b>2021</b> , 133, 9888-9912	6
119	Cratogeomys formosus dyer extract alleviates testicular damage in hypertensive rats. <b>2021</b> , 53, e13917	
118	Micronucleus assay for predicting coronary artery disease: A systematic review and meta-analysis. <b>2021</b> , 787, 108348	5

117	ethanol extract improves vascular dysfunction by suppressing inflammation in postmenopausal rats fed a high-fat diet. <b>2021</b> , 59, 1203-1215		1
116	The Metabolic Role of GRK2 in Insulin Resistance and Associated Conditions. <b>2021</b> , 10,		5
115	The Role of Natural Antioxidants in the Prevention of Dementia-Where Do We Stand and Future Perspectives. <b>2021</b> , 13,		9
114	Effect of dental intervention on improvements in metabolic syndrome patients: a randomized controlled clinical trial. <b>2021</b> , 21, 4		0
113	Age-dependent increase in activity of eukaryotic elongation factor 2 kinase in mesenteric arteries from spontaneously hypertensive rats. <b>2021</b> , 83, 42-47		1
112	The Enigmatic Vascular NOX: From Artifact to Double Agent of Change: Arthur C. Corcoran Memorial Lecture - 2019. <i>Hypertension</i> , <b>2021</b> , 77, 275-283	8.5	2
111	Innate Immune Cells and Hypertension: Neutrophils and Neutrophil Extracellular Traps (NETs). <b>2021</b> , 11, 1575-1589		3
110	Adverse effect of superoxide-induced mitochondrial damage in granulosa cells on follicular development in mouse ovaries. <b>2021</b> , 163, 344-355		7
109	Paraventricular Nucleus Infusion of Oligomeric Proantho Cyanidins Improves Renovascular Hypertension. <b>2021</b> , 15, 642015		1
108	A Novel Vasoactive Peptide "PG1" from Buffalo Ice-Cream Protects from Angiotensin-Evoked High Blood Pressure. <b>2021</b> , 10,		2
107	Protective effect of oral histidine on hypertension in Dahl salt-sensitive rats induced by high-salt diet. <b>2021</b> , 270, 119134		4
106	The effect of magnesium on calcium binding to cardiac troponin C related hypertrophic cardiomyopathy mutants.		
105	Antioxidant Properties of Alpha-Lipoic (Thioctic) Acid Treatment on Renal and Heart Parenchyma in a Rat Model of Hypertension. <b>2021</b> , 10,		4
104	The association of dynamic thiol-disulphide balance with white-coat hypertension. <b>2021</b> , 27,		
103	The Na/K-ATPase Signaling and SGLT2 Inhibitor-Mediated Cardiorenal Protection: A Crossed Road?. <b>2021</b> , 254, 513-529		0
102	Exposure to heavy metals and trace minerals in first trimester and maternal blood pressure change over gestation. <b>2021</b> , 153, 106508		8
101	Hypertension-related risk for dementia: A summary review with future directions. <b>2021</b> , 116, 82-89		3
100	Oxidative Stress-Induced Ferroptosis in Cardiovascular Diseases and Epigenetic Mechanisms. <b>2021</b> , 9, 685775		2

99	Omeprazole induces vascular remodeling by mechanisms involving xanthine oxidoreductase and matrix metalloproteinase activation. <b>2021</b> , 190, 114633	1
98	6β-Hydroxytestosterone Promotes Angiotensin II-Induced Hypertension via Enhanced Cytosolic Phospholipase A <sub>2</sub> Activity. <i>Hypertension</i> , <b>2021</b> , 78, 1053-1066	8.5
97	A sensitive chemiluminescence detection approach for determination of 2,4-dinitrophenylhydrazine derivatized aldehydes using online UV irradiation - luminol CL reaction. Application to the HPLC analysis of aldehydes in oil samples. <b>2021</b> , 233, 122522	5
96	Inhibition effect of nicotinamide (vitamin B) and reduced glutathione (GSH) peptide on angiotensin-converting enzyme activity purified from sheep kidney. <b>2021</b> , 189, 65-71	0
95	Sympathoinhibition and vasodilation contribute to the acute hypotensive response of the superoxide dismutase mimic, MnTnBuOE-2-PyP5+, in hypertensive animals. <b>2021</b> , 3, 100016	2
94	Vascular endothelium and blood flow. <b>2006</b> , 43-78	67
93	Oxidative Stress in the Metabolic Syndrome. <b>2009</b> , 33-63	1
92	Vascular Remodeling in Health and Disease. <b>2007</b> , 1541-1565	1
91	Pathophysiology of Obesity-Related Non-communicable Chronic Diseases and Advancements in Preventive Strategies. <b>2020</b> , 317-340	1
90	Egg-Protein-Derived Peptides with Antihypertensive Activity. <b>2007</b> , 199-211	8
89	Chapter 4:HO-1-derived CO Is a Regulator of Vascular Function and Metabolic Syndrome. <b>2018</b> , 59-100	1
88	The immunosuppression of macrophages underlies the cardioprotective effects of catestatin (CST).	3
87	Oxidative stress and inflammation in heart failure: The best is yet to come. <b>2020</b> , 27, 490-493	3
86	(Pro)renin receptor mediates both angiotensin II-dependent and -independent oxidative stress in neuronal cells. <b>2013</b> , 8, e58339	48
85	Mechanisms of improved aortic stiffness by arotinolol in spontaneously hypertensive rats. <b>2014</b> , 9, e88722	6
84	Allopurinol is an independent determinant of improved arterial stiffness in chronic kidney disease: a cross-sectional study. <b>2014</b> , 9, e91961	20
83	Characterization and mutational analysis of omega-class GST (GSTO1) from <i>Apis cerana cerana</i> , a gene involved in response to oxidative stress. <b>2014</b> , 9, e93100	33
82	Hydrogen peroxide elicits constriction of skeletal muscle arterioles by activating the arachidonic acid pathway. <b>2014</b> , 9, e103858	2

81	Glutathione S-transferase M1 (GSTM1) and T1 (GSTT1) null polymorphisms and the risk of hypertension: a meta-analysis. <b>2015</b> , 10, e0118897	11
80	Circulating progenitor cells in hypertensive subjects: Effectiveness of a treatment with olmesartan in improving cell number and miR profile in addition to expected pharmacological effects. <b>2017</b> , 12, e0173030	12
79	The Src homology 2 domain tyrosine phosphatases SHP-1 and SHP-2: diversified control of cell growth, inflammation, and injury. <b>2007</b> , 22, 1251-67	161
78	Effect of endurance exercise training on nitrate stress of the heart after the emergence of hypertension in spontaneously hypertensive rats. <b>2008</b> , 54, 308-317	1
77	Artemisia afra and hypertension. <b>2019</b> , 7, 297-300	1
76	[Pathogenesis of endothelial dysfunction in cerebral atherosclerosis and their correction]. <b>2017</b> , 117, 67-70	1
75	Evaluation of oxidant status in both systolic and diastolic heart failure. 350-356	2
74	Impact of exudative diathesis induced by selenium deficiency on LncRNAs and their roles in the oxidative reduction process in broiler chick veins. <b>2017</b> , 8, 20695-20705	27
73	Endothelial cell dysfunction and the vascular complications associated with type 2 diabetes: assessing the health of the endothelium. <b>2005</b> , 1, 55-71	80
72	Are we over oxidized? Oxidative stress, cardiovascular disease, and the future of intervention studies with antioxidants. <b>2005</b> , 1, 93-7	18
71	The role of oxidative stress in cerebral aneurysm formation and rupture. <b>2013</b> , 10, 247-55	74
70	The effect of hyperglycemia on the values of antioxidative parameters in type 2 diabetic patients with cardiovascular complications. <b>2006</b> , 25, 173-179	3
69	A subpressor dose of angiotensin II elevates blood pressure in a normotensive rat model by oxidative stress. <b>2015</b> , 64, 153-9	6
68	Oxidative stress and diseases of the cardiovascular system: pathogenetic mechanism and laboratory diagnostics. <b>2020</b> , 51-58	2
67	Role of antioxidant property of carvedilol in mild to moderate hypertensive patients: A prospective open-label study. <b>2016</b> , 48, 372-376	10
66	Association of glutathione S-transferases M1 and T1 gene polymorphisms with the risk of metabolic syndrome in an Iranian population. <b>2016</b> , 5, 63	3
65	The importance of first-blood circulation stage: a new insight into the pathogenesis of clinical manifestations of preeclampsia. <b>2012</b> , 03, 945-950	2
64	The Association of Obesity and Sistemic Arterial Hypertension with High-Grade Prostate Cancer: Our Experience. <b>2014</b> , 3, 191-195	1

- 63 Antioxidant Potential of Adiponectin and Full PPAR- Agonist in Correcting Streptozotocin-Induced Vascular Abnormality in Spontaneously Hypertensive Rats. **2021**, 2021, 6661181 1
- 62 Estimation of Kidney Oxygenation by Blood Oxygenation Level Dependent Magnetic Resonance Imaging. **2011**, 587-609
- 61 Links between plasma 8-hydroxy-2'-deoxyguanosine(8-OHdG)and various parameters in hemodialysis patients. **2012**, 45, 1035-1043
- 60 Reactive Oxygen Species in the Pathogenesis of Chronic Kidney Disease: Lessons Derived from Diabetic Nephropathy. **2014**, 2675-2703
- 59 Role of Oxidative Stress in Hypertension. **2014**, 199-245
- 58 Effects of the High Calorie Diet on the Development of Chronic Visceral Disease. **2015**, 219-244
- 57 The effect of angiotensin II microinjection into the bed nucleus of the stria terminalis on serum lipid peroxidation and nitric oxide metabolite levels. **2016**, 5, 106
- 56 Beneficial Effects of Chlorogenic Acids on Essential Hypertension. **2016**, 3, 1-5 1
- 55 ROS in Atherosclerotic Renovascular Disease. **2017**, 19-45
- 54 Role of Oxidative Stress, Mitochondrial Dysfunction, and Autophagy in Cardiovascular Disease: Its Pathogenesis and Amelioration by Different Small Natural Molecules. **2019**, 457-487
- 53 . **2019**, 59, 4-10
- 52 Oxidative Stress in Hypertension and Cardiovascular-Renal Remodeling: Focus on the Renin-Angiotensin-Aldosterone System. **2019**, 581-596
- 51 The Improvement Effects of *Gordonia bronchialis* on Male Fertility of Rats with Diabetes Mellitus Induced by Streptozotocin. **2019**, 25, 227-234 1
- 50 Microvascular Endothelial Dysfunction in Hypertension. **2020**, 95-101
- 49  **2020**, 81-87
- 48 Effects of aging on protein expression in mice brain microvessels: ROS scavengers, mRNA/protein stability, glycolytic enzymes, mitochondrial complexes, and basement membrane components. **2021**, 1 2
- 47 Nobiletin protects against diabetes-induced testicular injury via hypophysis-gonadal axis upregulation and amelioration of oxidative stress. **2021**, 1 0
- 46 Nutrition and blood pressure. **2022**, 699-739

45	Developmental Programming of Cardiovascular Dysfunction. <b>2006</b> , 121-129	
44	The Na/K-ATPase Signaling Regulates Natriuresis in Renal Proximal Tubule.	0
43	Assessment of antioxidant enzyme activities in erythrocytes of pre-hypertensive and hypertensive women. <b>2010</b> , 15, 270-8	10
42	Correlation of oxidative stress parameters and inflammatory markers in tunisian coronary artery disease patients. <b>2011</b> , 7, 6-13	3
41	Association of GSTT1 and GSTM1 polymorphisms with blood pressure: A Bayesian modeling of continuous data. <b>2014</b> , 19, 200-4	3
40	Oxidative stress and hypertension: Possibility of hypertension therapy with antioxidants. <b>2014</b> , 19, 358-67	133
39	Systemic markers of oxidative stress in relation to metabolic syndrome components. <b>2013</b> , 86, 227-34	1
38	Functional pseudogenes inhibit the superoxide production. <b>2015</b> , 1,	4
37	Relevance of plasma malondialdehyde level and severity of portal hypertension in cirrhotic patients. <b>2015</b> , 8, 11007-13	4
36	Pharmacological inhibition of mTOR attenuates DOCA-salt-induced hypertension and related pathophysiology: regulation of oxidative stress, inflammation and cardiovascular hypertrophy in male rats. <b>2021</b> , 79,	1
35	Arterial Hypertension in Aortic Valve Stenosis: A Critical Update. <b>2021</b> , 10,	0
34	Dextromethorphan Reduces Oxidative Stress and Inhibits Uremic Artery Calcification. <b>2021</b> , 22,	1
33	The role of nitric oxide in renovascular hypertension: from the pathophysiology to the treatment.. <b>2022</b> , 395, 121-131	5
32	Maternal and neonatal complications in women with medical comorbidities and preeclampsia.. <b>2021</b> , 27, 62-68	0
31	The Mediterranean limpet <i>Patella caerulea</i> (Gastropoda, Mollusca) to assess marine ecotoxicological risk: a case study of Tunisian coasts contaminated by metals.. <b>2022</b> , 29, 28339	1
30	Arterial Hypertension-Oxidative Stress and Inflammation.. <b>2022</b> , 11,	7
29	Chemical repair of damaged leucine and tryptophane by thiophenols at close to diffusion-controlled rates: Mechanisms and kinetics.. <b>2022</b> ,	0
28	Food bioactives: the food image behind the curtain of health promotion and prevention against several degenerative diseases. <b>2022</b> , 391-421	1

27	The Potential of Dietary Bioactive Compounds against SARS-CoV-2 and COVID-19-Induced Endothelial Dysfunction.. <b>2022</b> , 27,	1
26	Oxidative Stress-Induced Hypertension of Developmental Origins: Preventive Aspects of Antioxidant Therapy.. <b>2022</b> , 11,	3
25	Serum Malondialdehyde Levels in Hypertensive Patients: A Non-invasive Marker of Oxidative Stress. A Systematic Review and Meta-analysis.. <b>2022</b> ,	0
24	Preliminary Findings on the Effect of Ultrasmall Superparamagnetic Iron Oxide Nanoparticles and Acute Stress on Selected Markers of Oxidative Stress in Normotensive and Hypertensive Rats.. <b>2022</b> , 11,	
23	Table_1.DOCX. <b>2019</b> ,	
22	Beneficial Effects of Extra Virgin Olive Oil Rich in Phenolic Compounds on Cardiovascular Health.	
21	Insight of Melatonin: The Potential of Melatonin to Treat Bacteria-Induced Mastitis. <b>2022</b> , 11, 1107	0
20	Systemic oxidative stress associates with new-onset hypertension in the general population. <b>2022</b> , 187, 123-131	2
19	ŞKEMİREPERFİYON HASARINDA STRES VE HİPERİ	
18	Nitric Oxide-Releasing Platforms for Treating Cardiovascular Disease. <b>2022</b> , 14, 1345	0
17	The effect of Mg 2+ on Ca 2+ binding to cardiac troponin C in hypertrophic cardiomyopathy associated TNNC1 variants.	0
16	Indoor Household Exposures and Associated Morbidity and Mortality Outcomes in Children and Adults in South Africa. <b>2022</b> , 19, 9471	
15	2,4-dinitrophenylhydrazine capturing combined with mass defect filtering strategy to identify aliphatic aldehydes in biological samples. <b>2022</b> , 1679, 463405	0
14	Synthesis, Biological Evaluation and Docking Study of Mono- and Di-sulfonamide Derivatives as Antioxidant Agents and Acetylcholinesterase Inhibitors.	
13	Baduanjin exercise in the treatment of hypertension: A systematic review and meta-analysis. 9,	
12	Involvement of AGE and Its Receptors in the Pathogenesis of Hypertension in Elderly People and Its Treatment.	0
11	Roles of Oxidative Stress and Inflammation in Vascular Endothelial Dysfunction-Related Disease. <b>2022</b> , 11, 1958	3
10	ASSOCIATION BETWEEN PERIODONTAL DISEASE AND BLOOD PRESSURE İA SURVEY. <b>2022</b> , 64-66	0



9	The ABC (HbA1c, blood pressure and LDL-cholesterol) of diabetes and oxidative stress: knowing the links. <b>2022</b> , 42, 925-928	0
8	Dual Bioactivity of Angiotensin Converting Enzyme Inhibition and Antioxidant Novel Tripeptides from <i>Sipunculus nudus</i> L. and Their Related Mechanism Analysis for Antihypertention. <b>2023</b> , 29,	0
7	Association between oxidative balance score and new-onset hypertension in adults: A community-based prospective cohort study. 9,	1
6	Mitochondria: A Key Protagonist of the Renin Angiotensin System. <b>2023</b> , 131-144	0
5	Role of inflammation, immunity, and oxidative stress in hypertension: New insights and potential therapeutic targets. 13,	1
4	Mesenchymal stem cell exosomes as nanotherapeutics for dry age-related macular degeneration. <b>2023</b> , 357, 356-370	0
3	Reactivity of renal and mesenteric resistance vessels to angiotensin II is mediated by NOXA1/NOX1 and superoxide signaling. <b>2023</b> , 324, F335-F352	0
2	Oxidative stress in cerebrovascular disease and associated diseases. 14,	0
1	Pathophysiological Impact of the MEK5/ERK5 Pathway in Oxidative Stress. <b>2023</b> , 12, 1154	0