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## Oxidative stress and diabetic vascular complications

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#	Paper	IF	Citations
1515	Peripheral Vascular Disease in Capd. <b>1996</b> , 16, 529-531		9
1514	Erythrocyte and plasma antioxidant activity and subclinical complications in young diabetic patients. <i>Diabetes Care</i> , <b>1996</b> , 19, 1165	14.6	2
1513	Response to Logwin et al.. <i>Diabetes Care</i> , <b>1996</b> , 19, 1165-1165	14.6	
1512	Are research and policy advocacy two separate worlds?. <i>Diabetes Care</i> , <b>1996</b> , 19, 1165-6	14.6	
1511	Defective plasma antioxidant defenses and enhanced susceptibility to lipid peroxidation in uncomplicated IDDM. <b>1997</b> , 46, 1853-8		178
1510	Pyruvate improves deleterious effects of high glucose on activation of pentose phosphate pathway and glutathione redox cycle in endothelial cells. <b>1997</b> , 46, 2088-95		30
1509	Transcriptional activation of the Glut1 gene in response to oxidative stress in L6 myotubes. <b>1997</b> , 272, 33367-72		44
1508	Neural tube defects in embryos of diabetic mice: role of the Pax-3 gene and apoptosis. <b>1997</b> , 46, 1189-97		226
1507	Total radical-trapping antioxidant parameter in NIDDM patients. <i>Diabetes Care</i> , <b>1997</b> , 20, 194-7	14.6	132
1506	Reply to Elhadd et al. <i>Diabetes Care</i> , <b>1997</b> , 20, 1338-1339	14.6	1
1505	Metabolic and cardiovascular effects of carvedilol and atenolol in non-insulin-dependent diabetes mellitus and hypertension. A randomized, controlled trial. <b>1997</b> , 126, 955-9		211
1504	Lisinopril. A review of its pharmacology and use in the management of the complications of diabetes mellitus. <b>1997</b> , 53, 1081-105		20
1503	Peripheral diabetic neuropathy. Current recommendations and future prospects for its prevention and management. <b>1997</b> , 54, 414-421		34
1502	Renal cortical expression of mRNAs for antioxidant enzymes in normal and diabetic rats. <b>1997</b> , 235, 598-601		43
1501	Commentary. <b>1997</b> , 47, 581-582		10
1500	New biomarker evidence of oxidative DNA damage in patients with non-insulin-dependent diabetes mellitus. <b>1997</b> , 417, 150-2		205
1499	The effect of delta-gluconolactone, an oxidised analogue of glucose, on the nonenzymatic glycation of human and rat haemoglobin. <b>1997</b> , 263, 239-47		15

1498	The epidemiology of cardiovascular disease in type 2 diabetes mellitus: how sweet it is ... or is it?. <b>1997</b> , 350 Suppl 1, S14-9	141
1497	L-arginine for testing endothelium-dependent vascular functions in health and disease. <b>1997</b> , 273, E606-12	14
1496	Vitamin E improves the free radical defense system potential and insulin sensitivity of rats fed high fructose diets. <b>1997</b> , 127, 103-7	122
1495	The antioxidant properties of thiocetic acid: characterization by cyclic voltammetry. <b>1997</b> , 41, 317-27	4
1494	Renal antioxidant enzyme mRNA levels are increased in rats with experimental diabetes mellitus. <b>1997</b> , 40, 23-9	64
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1491	Nitric oxide availability in diabetes mellitus. <b>1998</b> , 14, 241-9	128
1490	Endothelial dysfunction and metabolic control in streptozotocin-induced diabetic rats. <b>1998</b> , 123, 1495-502	54
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1488	Vascular smooth muscle cell hypertrophy induced by glycosylated human oxyhaemoglobin. <b>1998</b> , 125, 637-44	12
1487	Investigation of oxidant stress and vasodepression to glyceryl trinitrate in the obese Zucker rat in vivo. <b>1998</b> , 125, 895-901	43
1486	Oxidative stress in diabetic rats induced by streptozotocin: protective effects of melatonin. <b>1998</b> , 25, 94-100	138
1485	Antioxidants and atherogenesis. <b>1998</b> , 9, 424-445	53
1484	Hyperketonemia (acetoacetate) increases the oxidizability of LDL + VLDL in Type-I diabetic patients. <b>1998</b> , 24, 175-81	32
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1482	Ketosis (acetoacetate) can generate oxygen radicals and cause increased lipid peroxidation and growth inhibition in human endothelial cells. <b>1998</b> , 25, 1083-8	107
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1471	Nephropathy and hypertension in diabetes. <b>1998</b> , 82, 877-907	24
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1469	Altered activities of transcription factors and their related gene expression in cardiac tissues of diabetic rats. <b>1998</b> , 47, 1318-25	66
1468	Serum antioxidant status and oxidized LDL in well-controlled young type 1 diabetic patients with and without subclinical complications. <b>1998</b> , 137 Suppl, S61-4	34
1467	Dyslipoproteinaemia and hyperoxidative stress in the pathogenesis of endothelial dysfunction in non-insulin dependent diabetes mellitus: an hypothesis. <b>1998</b> , 141, 17-30	93
1466	Effects of perindopril and carvedilol on endothelium-dependent vascular functions in patients with diabetes and hypertension. <i>Diabetes Care</i> , <b>1998</b> , 21, 631-6	14.6 51
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1464	Meal-generated oxidative stress in type 2 diabetic patients. <i>Diabetes Care</i> , <b>1998</b> , 21, 1529-33	14.6 169
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1460	Hyperhomocyst(e)inemia and endothelial dysfunction in IDDM. <i>Diabetes Care</i> , <b>1998</b> , 21, 841-8	14.6	114
1459	Microalbuminuria and coronary heart disease in NIDDM: an incidence study. <b>1998</b> , 47, 1786-92		128
1458	Relationship of blood thromboxane-B2 (TxB2) with lipid peroxides and effect of vitamin E and placebo supplementation on TxB2 and lipid peroxide levels in type 1 diabetic patients. <i>Diabetes Care</i> , <b>1998</b> , 21, 1511-6	14.6	49
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1422	Increased activity of H <sub>2</sub> O <sub>2</sub> in aorta isolated from chronically streptozotocin-diabetic rats: effects of antioxidant enzymes and enzymes inhibitors. <b>1999</b> , 27, 16-27	45
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1416	Oxidative stress and diabetes mellitus. <b>1999</b> , 10, 9-19	65
1415	Enhanced testicular antioxidant system by ascorbic acid in alloxan diabetic rats. <b>1999</b> , 124, 233-7	24
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1413	Changes of superoxide dismutase gene expression and activity in the brain of streptozotocin-induced diabetic rats. <b>1999</b> , 275, 25-8	34
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1411	Effects of cholesterol-lowering treatments on oxidative modification of plasma intermediate density lipoprotein plus low density lipoprotein fraction in Type 2 diabetic patients. <b>1999</b> , 43, 111-20	8
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1402	Hyperglycemia rapidly suppresses flow-mediated endothelium-dependent vasodilation of brachial artery. <b>1999</b> , 34, 146-54	572
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1396	Glycated serum albumin-induced nitric oxide production in vascular smooth muscle cells by nuclear factor kappaB-dependent transcriptional activation of inducible nitric oxide synthase. <b>1999</b> , 259, 128-32	36
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1387	Innate immune response mechanisms in non-insulin dependent diabetes mellitus patients assessed by flow cytometry. <b>2000</b> , 74, 239-44	46
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1385	Lipoic acid decreases lipid peroxidation and protein glycosylation and increases (Na <sup>+</sup> ) + K <sup>(+)</sup> - and Ca <sup>(++)</sup> -ATPase activities in high glucose-treated human erythrocytes. <b>2000</b> , 29, 1122-8	70
1384	Prevention of endothelial dysfunction in streptozotocin-induced diabetic rats by gliclazide treatment. <b>2000</b> , 14, 224-33	25
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1381	Highly glycosylated oxyhaemoglobin impairs nitric oxide relaxations in human mesenteric microvessels. <b>2000</b> , 43, 83-90	48
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1379	Reduction of obesity, as induced by leptin, reverses endothelial dysfunction in obese (Lep <sup>(ob)</sup> ) mice. <b>2000</b> , 89, 2382-90	113
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1375	Regulation of glucose transporters--implications for insulin resistance states. <b>2000</b> , 13, 115-33	5
1374	Effects of aldose reductase inhibitors on antioxidant defense in rat and rabbit liver. <b>2000</b> , 53, 145-9	11
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1371	Inhibition of glucose-induced insulin secretion by 4-hydroxy-2-nonenal and other lipid peroxidation products. <b>2000</b> , 141, 2767-72	68
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1369	Comparison of oxidative stress indicators in plasma of recent-onset and long-term type 1 diabetic patients. <b>2000</b> , 59, 7-14	9
1368	High glucose-induced apoptosis in human endothelial cells is mediated by sequential activations of c-Jun NH(2)-terminal kinase and caspase-3. <b>2000</b> , 101, 2618-24	258
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1364	Hyperinsulinemia, hyperglycemia, and impaired hemostasis: the Framingham Offspring Study. <b>2000</b> , 283, 221-8	371
1363	Reactive oxygen species and acute modulation of albumin microvascular leakage in the microcirculation of diabetic rats in vivo. <b>2000</b> , 37, 32-8	17
1362	Vitamin E supplementation restores glutathione and malondialdehyde to normal concentrations in erythrocytes of type 1 diabetic children. <i>Diabetes Care</i> , <b>2000</b> , 23, 1389-94	14.6 100
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1347	The role of oxidative stress in diabetic retinopathy. <b>2000</b> , 14 Pt 5, 730-5	55
1346	Retinal vascular changes induced by the oxidative stress of alpha-tocopherol deficiency contrasted with diabetic microangiopathy. <b>2000</b> , 16, 109-20	22
1345	Oxidative protein damage in type I diabetic patients with and without complications. <b>2000</b> , 26, 365-79	37
1344	Pharmacological approaches to the treatment of diabetic complications. <b>2000</b> , 10, 1245-1262	65
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1341	Impaired L-arginine uptake in platelets from type-2 diabetic patients. <b>2001</b> , 34, 19-23	6
1340	Serum paraoxonase is reduced in type 1 diabetic patients compared to non-diabetic, first degree relatives; influence on the ability of HDL to protect LDL from oxidation. <b>2001</b> , 155, 229-35	113
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1332	Effect of alpha-lipoic acid on the progression of endothelial cell damage and albuminuria in patients with diabetes mellitus: an exploratory study. <b>2001</b> , 52, 175-83	90
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1287	Serum 8-hydroxy-guanine levels are increased in diabetic patients. <i>Diabetes Care</i> , <b>2001</b> , 24, 733-7	14.6	99
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