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The role of 8-hydroxyguanine in carcinogenesis

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697	Structure of oxidatively damaged nucleic acid adducts. 3. Tautomerism, ionization and protonation of 8-hydroxyadenosine studied by ¹⁵ N NMR spectroscopy. 1991 , 19, 1041-7		54
696	Is there a role for reactive oxygen species in the mechanism of chromium(VI) carcinogenesis?. <i>Chemical Research in Toxicology</i> , 1991 , 4, 616-25	4	121
695	DNA damage by oxygen-derived species. Its mechanism and measurement in mammalian systems. 1991 , 281, 9-19		1180
694	Determination of Urinary 8-Hydroxydeoxyguanosine by Coupled-Column High-Performance Liquid Chromatography with Electrochemical Detection: A Noninvasive Assay for in Vivo Oxidative DNA Damage in Humans. 1991 , 1, 242-251		26
693	Butylated hydroxyanisole in perspective. <i>Chemico-Biological Interactions</i> , 1991 , 80, 109-34	5	64
692	In vitro mutagenesis as a result of ⁶⁰ Co-gamma-ray-induced base damage. 1991 , 251, 187-99		5
691	Potential role of free radicals in benzene-induced myelotoxicity and leukemia. 1991 , 11, 495-515		112
690	Inhibitory effect of 2-O-octadecylascorbic acid in agglutination assay with concanavalin A; short-term examination of rat urinary bladder carcinogenesis. 1991 , 82, 386-9		5
689	Quantitative high-performance liquid chromatography analysis of DNA oxidized in vitro and in vivo. 1991 , 196, 126-36		118
688	Molecular Epidemiology and the Genetics of Environmental Cancer. 1991 , 266, 681		88
687	Solid-phase synthesis of DNA fragments containing the modified base 7-hydro-8-oxo-2'-deoxyguanosine. 1991 , 19, 4361-9		24
686	Repair and replication of plasmids with site-specific 8-oxodG and 8-AAFdG residues in normal and repair-deficient human cells. 1992 , 20, 4437-43		83
685	Inhibitory effect of dietary iron deficiency on inductions of putative preneoplastic lesions as well as 8-hydroxydeoxyguanosine in DNA and lipid peroxidation in the livers of rats caused by exposure to a choline-deficient L-amino acid defined diet. <i>Carcinogenesis</i> , 1992 , 13, 1227-33	4.6	63
684	Induction of 8-hydroxydeoxyguanosine in Ah-responsive mouse liver by iron and Aroclor 1254. <i>Carcinogenesis</i> , 1992 , 13, 247-50	4.6	77
683	Dietary hydrogen peroxide enhances hepatocarcinogenesis in trout: correlation with 8-hydroxy-2'-deoxyguanosine levels in liver DNA. <i>Carcinogenesis</i> , 1992 , 13, 1639-42	4.6	23
682	Genetic effects of oxidative DNA damage: comparative mutagenesis of 7,8-dihydro-8-oxoguanine and 7,8-dihydro-8-oxoadenine in <i>Escherichia coli</i> . 1992 , 20, 6023-32		188
681	Characterization of two radiation-induced lesions from DNA: studies using nuclease P1. 1992 , 61, 729-36		9

680	Assay of excised oxidative DNA lesions: isolation of 8-oxoguanine and its nucleoside derivatives from biological fluids with a monoclonal antibody column. 1992 , 89, 3375-9		261
679	Endogenous oxidative damage of deoxycytidine in DNA. 1992 , 89, 3380-4		234
678	Synthesis of 2'-deoxy-7,8-dihydro-8-oxoguanosine and 2'-deoxy-7,8-dihydro-8-oxoadenosine and their incorporation into oligomeric DNA. <i>Chemical Research in Toxicology</i> , 1992 , 5, 608-17	4	90
677	Phenol sensitization of DNA to subsequent oxidative damage in 8-hydroxyguanine assays. <i>Carcinogenesis</i> , 1992 , 13, 1289-92	4.6	108
676	Metal carcinogenesis: mechanistic implications. 1992 , 53, 31-65		263
675	Carcinogen-mediated oxidant formation and oxidative DNA damage. 1992 , 53, 127-66		287
674	Chemical and biochemical postlabeling methods for singling out specific oxidative DNA lesions. 1992 , 275, 343-54		30
673	Site-specific DNA damage by phenylhydrazine and phenelzine in the presence of Cu(II) ion or Fe(III) complexes: roles of active oxygen species and carbon radicals. <i>Chemical Research in Toxicology</i> , 1992 , 5, 440-6	4	30
672	Photosensitized formation of 8-hydroxydeoxyguanosine in cellular DNA by riboflavin. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 187, 809-13	3.4	60
671	Deferoxamine inhibition of Cr(V)-mediated radical generation and deoxyguanine hydroxylation: ESR and HPLC evidence. 1992 , 293, 281-6		66
670	The effect of glycerol and 4-nitroquinoline 1-oxide on active oxygen formation in sub-cellular fractions of lung tissue. <i>Biochemical Pharmacology</i> , 1992 , 43, 2658-60	6	9
669	Enhanced antibody titers to an oxidized DNA base in inflammatory and neoplastic diseases. 1992 , 1, 242-7		19
668	The protective role of glutathione, cysteine and vitamin C against oxidative DNA damage induced in rat kidney by potassium bromate. 1992 , 83, 45-51		80
667	Cigarette smoke-induced DNA damage in cultured human lung cells: role of hydroxyl radicals and endonuclease activation. <i>Chemico-Biological Interactions</i> , 1992 , 81, 197-208	5	127
666	The measurement of oxidative damage to DNA by HPLC and GC/MS techniques. 1992 , 16, 75-87		179
665	On the nature of non-genotoxic carcinogens. A unified theory including NGCs, co-carcinogens and promoters. 1992 , 281, 245-6		16
664	Mechanism of mutagenicity by 5-hydroperoxymethyl-2'-deoxyuridine, an intermediate product of ionizing radiation, in bacteria. HPMdU bacterial mutagenicity and oxidation of DNA bases. 1992 , 283, 145-56		6
663	8-Hydroxydeoxyguanosine in vitro: effects of glutathione, ascorbate, and 5-aminosalicylic acid. 1992 , 13, 121-6		51

662	Protection of DNA damage by dietary restriction. 1992 , 12, 523-5		120
661	Detection of 8-hydroxyguanine in small amounts of DNA by 32P postlabeling. 1992 , 201, 127-33		48
660	Endogenous DNA damage and breast cancer. 1993 , 71, 2897-9		9
659	The etiology of breast cancer. Characteristic alteration in hydroxyl radical-induced DNA base lesions during oncogenesis with potential for evaluating incidence risk. 1993 , 71, 3036-43		190
658	Structure of oxidatively damaged nucleic acid adducts: PH dependence of the 13C NMR spectra of 8-oxoguanosine and 8-oxoadenosine. 1993 , 31, 1048-1053		19
657	Methods used for analyses of "environmentally" damaged nucleic acids. 1993 , 618, 289-314		19
656	Quantitative analysis of 8-hydroxyguanine in peripheral blood cells: an application for asbestosis patients. <i>International Archives of Occupational and Environmental Health</i> , 1993 , 65, S215-7	3.2	13
655	Elevated level of 8-hydroxydeoxyguanosine in DNA of liver, kidneys, and brain of Long-Evans Cinnamon rats. 1993 , 84, 508-11		82
654	Oxidative stress as a modulating factor of pulmonary tumorigenesis in mice; comparative study on two different strains. 1993 , 104, 407-410		1
653	N-nitrosodimethylamine, N-nitrosodiethylamine, and N-nitrosomorpholine fail to generate 8-hydroxy-2'-deoxyguanosine in liver DNA of male F344 rats. 1993 , 285, 295-302		20
652	Mutagenesis by 8-oxoguanine: an enemy within. 1993 , 9, 246-9		732
651	Reduction in the amount of 8-hydroxy-2'-deoxyguanosine in the DNA of SV40-transformed human fibroblasts as compared with normal cells in culture. 1993 , 318, 186-8		6
650	8-Hydroxydeoxyguanosine as a urinary biomarker of oxidative DNA damage. 1993 , 40, 391-404		167
649	Effect of regeneration and hyperplasia on levels of DNA base oxidation in rat liver. 1993 , 70, 51-6		5
648	Repair of DNA containing the oxidatively-damaged base, 8-oxoguanine. 1993 , 299, 277-87		136
647	Cigarette smoke-induced DNA damage in cultured human lung cells. 1993 , 686, 249-59; discussion 259-61		9
646	An Improved Synthesis of 8-Bromo-2'-deoxyguanosine. 1993 , 23, 1611-1615		19
645	Oxidative DNA damage and cellular sensitivity to oxidative stress in human autoimmune diseases. 1993 , 52, 659-66		184

644	Background and radiation-induced 8-hydroxy-2'-deoxyguanosine in gamma-irradiated <i>Escherichia coli</i> . 1993 , 63, 597-607		8
643	Mutagenesis in <i>Escherichia coli</i> K-12 mutants defective in superoxide dismutase or catalase. <i>Carcinogenesis</i> , 1993 , 14, 237-44	4.6	31
642	Spontaneous and 2-nitropropane induced levels of 8-hydroxy-2'-deoxyguanosine in liver DNA of rats fed iron-deficient or manganese- and copper-deficient diets. <i>Carcinogenesis</i> , 1993 , 14, 265-8	4.6	16
641	Is vitamin E a useful agent to protect against oxy radical-promoted lung tumorigenesis in ddY mice?. <i>Carcinogenesis</i> , 1993 , 14, 1133-6	4.6	14
640	Effect of ascorbate and 5-aminosalicylic acid on light-induced 8-hydroxydeoxyguanosine formation in V79 Chinese hamster cells. <i>Carcinogenesis</i> , 1993 , 14, 2431-3	4.6	51
639	Identification of hydroxyl radical-induced lesions in DNA base structure: biomarkers with a putative link to cancer development. 1993 , 40, 247-61		50
638	³² P-postlabeling assay for free radical-induced DNA damage: the formamido remnant of thymine. 1993 , 18, 17-28		7
637	Site-specific DNA damage and 8-hydroxydeoxyguanosine formation by hydroxylamine and 4-hydroxyaminoquinoline 1-oxide in the presence of Cu(II): role of active oxygen species. <i>Carcinogenesis</i> , 1993 , 14, 1397-401	4.6	38
636	The chemistry of free radicals. 1993 , 9, 1-21		37
635	Significant Formation of 8-Hydroxydeoxyguanosine in Photoirradiation of Photo-Fenton Reagent□ with Calf Thymus DNA and L 5178Y cells. 1993 , 22, 453-456		6
634	Oxidative mechanisms in carcinogenesis. 1993 , 49, 523-44		328
633	Oxygen radicals and asbestos carcinogenesis. 1994 , 102 Suppl 10, 131-6		22
632	Beta-carotene prevents x-ray induction of micronuclei in human lymphocytes. 1994 , 59, 409-12		39
631	Enhanced generation of hydroxyl radical and sulfur trioxide anion radical from oxidation of sodium sulfite, nickel(II) sulfite, and nickel subsulfide in the presence of nickel(II) complexes. 1994 , 102 Suppl 3, 91-6		18
630	Expression of the <i>E. coli</i> fpg gene in mammalian cells reduces the mutagenicity of gamma-rays. 1994 , 22, 4943-6		31
629	Effect of beta-carotene on spontaneous and X-ray-induced chromosomal damage in bone marrow cells of mice. 1994 , 22, 277-84		15
628	Effect of catechol and ethanol with and without methylamyl nitrosamine on esophageal carcinogenesis in the rat. <i>Carcinogenesis</i> , 1994 , 15, 883-7	4.6	18
627	Radiation-induced formation of 8-hydroxy-2'-deoxyguanosine and its prevention by scavengers. <i>Carcinogenesis</i> , 1994 , 15, 1609-12	4.6	46

626	Mucosa-specific DNA adducts in human small intestine: a comparison with the colon. <i>Carcinogenesis</i> , 1994 , 15, 2677-80	4.6	15
625	Inhibitory effects of 2-O-octadecylascorbic acid and other vitamin C and E derivatives on the induction of enzyme-altered putative preneoplastic lesions in the livers of rats fed a choline-deficient, L-amino acid-defined diet. <i>Carcinogenesis</i> , 1994 , 15, 241-6	4.6	21
624	DNA damage caused by reactive oxygen species originating from a copper-dependent oxidation of the 2-hydroxy catechol of estradiol. <i>Carcinogenesis</i> , 1994 , 15, 1421-7	4.6	136
623	Exposure to benzene and urinary concentrations of 8-hydroxydeoxyguanosine, a biological marker of oxidative damage to DNA. 1994 , 51, 739-43		90
622	Antigen presentation, aberrant glycosylation and tumor progression. 1994 , 17, 27-51		14
621	Role of cellular antioxidants in metal-induced damage. 1994 , 10, 1-22		97
620	Comparative study on factors regulating the level of oxidative stress toward pulmonary nuclei in two different strains of mice. 1994 , 26, 121-5		2
619	Role of active oxygen species in DNA damage by pentachlorophenol metabolites. 1994 , 310, 79-88		50
618	International Commission for Protection Against Environmental Mutagens and Carcinogens. Oxidative DNA damage--the effects of certain genotoxic and operationally non-genotoxic carcinogens. 1994 , 317, 25-42		83
617	Different roles of 8-hydroxyguanine formation and 2-thiobarbituric acid-reacting substance generation in the early phase of liver carcinogenesis induced by a choline-deficient, L-amino acid-defined diet in rats. 1994 , 85, 499-505		29
616	Historical origins of current concepts of carcinogenesis. 1994 , 65, 17-111		26
615	Recognition and repair of 8-oxoguanine and formamidopyrimidine lesions in DNA. 1994 , 726, 208-13; discussion 213-4		12
614	Interaction of alpha-deoxyadenosine in template DNA with DNA polymerase. A novel mutational spectrum induced by alpha-deoxyadenosine. 1994 , 726, 359-60		
613	Assays of oxidative DNA damage biomarkers 8-oxo-2'-deoxyguanosine and 8-oxoguanine in nuclear DNA and biological fluids by high-performance liquid chromatography with electrochemical detection. 1994 , 234, 16-33		242
612	Singlet oxygen DNA damage: chromatographic and mass spectrometric analysis of damage products. 1994 , 234, 79-88		53
611	Inductions of oxidative DNA damage and mesothelioma by crocidolite, with special reference to the presence of iron inside and outside of asbestos fiber. <i>Carcinogenesis</i> , 1994 , 15, 753-8	4.6	43
610	Oxidative DNA damage induced by potassium bromate in isolated rat renal proximal tubules and renal nuclei. 1994 , 87, 1-7		44
609	Mechanistic and other considerations in cancer prevention. 1994 , 83, 15-9		3

608	The pentachlorophenol metabolite tetrachloro-p-hydroquinone induces the formation of 8-hydroxy-2-deoxyguanosine in liver DNA of male B6C3F1 mice. 1994 , 74, 265-74		46
607	Vitamin E acts as a useful chemopreventive agent to reduce spontaneous lung tumorigenesis in mice. 1994 , 87, 205-10		7
606	Enhanced Generation of Hydroxyl Radical and Sulfur Trioxide Anion Radical from Oxidation of Sodium Sulfite, Nickel(II) Sulfite, and Nickel Subsulfide in the Presence of Nickel(II) Complexes. 1994 , 102, 91		3
605	Enhancing effect of high dietary iron on lung tumorigenesis in mice. 1994 , 76, 57-62		7
604	Selective 8-hydroxyguanine formation in pancreatic DNA due to a single intravenous administration of 4-hydroxyaminoquinoline 1-oxide in rats. 1994 , 83, 97-103		16
603	Crocidolite asbestos increased 8-hydroxydeoxyguanosine levels in cellular DNA of a human promyelocytic leukemia cell line, HL60. <i>Carcinogenesis</i> , 1994 , 15, 635-9	4.6	51
602	Crystal structure of a DNA duplex containing 8-hydroxydeoxyguanine-adenine base pairs. 1994 , 33, 10266-70		210
601	Replication of DNA templates containing the alpha-anomer of deoxyadenosine, a major adenine lesion produced by hydroxyl radicals. 1994 , 33, 7127-33		31
600	Photochemical synthesis of 8-hydroxyguanine nucleosides. 1994 , 234, 59-65		6
599	DNA cleavage induced by glycation of Cu,Zn-superoxide dismutase. 1994 , 304 (Pt 1), 219-25		68
598	In situ detection, by spin trapping, of hydroxyl radical markers produced from ionizing radiation in the tumor of a living mouse. 1995 , 92, 796-800		84
597	Formation of 7,8-dihydro-8-oxoguanine in the 1,2-dioxetane-induced oxidation of calf thymus DNA: evidence for photosensitized DNA damage by thermally generated triplet ketones in the dark. <i>Photochemistry and Photobiology</i> , 1995 , 62, 231-8	3.6	37
596	Photosensibilisierte Bildung von 8-Hydroxy-2'-desoxyguanosin in Lachs-Testes-DNA durch Furocumarinhydroperoxide: ein neuartiges, intercalierendes Photo-Fenton-Reagens für oxidative DNA-Schädigung. 1995 , 107, 91-94		7
595	The etiology and prediction of breast cancer. Fourier transform-infrared spectroscopy reveals progressive alterations in breast DNA leading to a cancer-like phenotype in a high proportion of normal women. 1995 , 75, 503-17		88
594	Perspectives on molecular assays for measuring mutation in humans and rodents. 1995 , 25 Suppl 26, 88-101		11
593	Strong, sustained hepatocellular proliferation precedes hepatocarcinogenesis in hepatitis B surface antigen transgenic mice. 1995 , 21, 620-626		93
592	Concepts in multistage carcinogenesis. 1995 , 21, 105-133		24
591	HPLC investigation on Ni(II)-mediated DNA damage in the presence of t-butyl hydroperoxide and glutathione. 1995 , 57, 91-102		10

590	A new and efficient synthesis of 8-hydroxypurine derivatives by dimethyldioxirane oxidation. 1995 , 36, 2665-2668		21
589	Induction of base damage in DNA solutions by ultrasonic cavitation. 1995 , 18, 231-8		46
588	7,12-dimethylbenz[a]anthracene induces oxidative DNA modification in vivo. 1995 , 19, 373-80		61
587	Induction of 8-hydroxy-2-deoxyguanosine and single-strand breaks in DNA of V79 cells by tetrachloro-p-hydroquinone. 1995 , 329, 29-36		31
586	The high hepatocarcinogen susceptibility of LEC rats is genetically independent of abnormal copper accumulation in the liver. <i>Carcinogenesis</i> , 1995 , 16, 491-4	4.6	12
585	Spin-trapping and direct EPR investigations on the hepatotoxic and hepatocarcinogenic actions of luteoskyrin, an anthraquinoid mycotoxin produced by <i>Penicillium islandicum</i> Sopp. Generations of superoxide anion and luteoskyrin semiquinone radical in the redox systems consisted of luteoskyrin and H ₂ O ₂ or NADPH or NADH dependent reduction. 1995 , 22, 41-50		5
584	Aflatoxin B1-induced 8-hydroxydeoxyguanosine formation in rat hepatic DNA. <i>Carcinogenesis</i> , 1995 , 16, 419-22	4.6	143
583	Improvements in the analytical method for 8-hydroxydeoxyguanosine in nuclear DNA. <i>Carcinogenesis</i> , 1995 , 16, 253-8	4.6	79
582	Influence of the oxidatively damaged adduct 8-oxodeoxyguanosine on the conformation, energetics, and thermodynamic stability of a DNA duplex. 1995 , 34, 16148-60		172
581	Detection of single-strand breaks and formamidopyrimidine-DNA glycosylase-sensitive sites in DNA of cultured human fibroblasts. 1995 , 336, 235-42		33
580	Preventive effects of green tea against liver oxidative DNA damage and hepatotoxicity in rats treated with 2-nitropropane. 1995 , 33, 961-70		89
579	Improved genomic/nuclear DNA extraction for 8-hydroxydeoxyguanosine analysis of small amounts of rat liver tissue. 1995 , 97, 233-9		148
578	Menadione-induced DNA fragmentation without 8-oxo-2'-deoxyguanosine formation in isolated rat hepatocytes. <i>Biochemical Pharmacology</i> , 1995 , 49, 1469-74	6	24
577	DNA strand breakage and base modification induced by hydrogen peroxide treatment of human respiratory tract epithelial cells. 1995 , 374, 233-6		39
576	Intensification and depletion of specific bulky renal DNA adducts (I-compounds) following exposure of male F344 rats to the renal carcinogen ferric nitrilotriacetate (Fe-NTA). 1995 , 341, 265-79		26
575	Effects of oxidative stress induced by redox-enzyme modulation on rat hepatocarcinogenesis. 1995 , 82-83, 413-7		6
574	Prevention by methionine of enhancement of hepatocarcinogenesis by coadministration of a choline-deficient L-amino acid-defined diet and ethionine in rats. 1995 , 86, 1136-42		14
573	Induction of oxidative DNA damage by ferric iron in mammalian cells. <i>Carcinogenesis</i> , 1995 , 16, 3009-13	4.6	32

572	8-hydroxydeoxyguanosine levels in DNA of human breast cancer are not significantly different from those of non-cancerous breast tissues by the HPLC-ECD method. 1995 , 90, 157-62		43
571	Strong, sustained hepatocellular proliferation precedes hepatocarcinogenesis in hepatitis B surface antigen transgenic mice*1, *2. 1995 , 21, 620-626		10
570	Site-specific DNA damage induced by NADH in the presence of copper(II): role of active oxygen species. 1996 , 35, 4584-90		106
569	Photooxidation of 8-Oxo-7,8-dihydro-2-Deoxyguanosine by Thermally Generated Triplet-Excited Ketones from 3-(Hydroxymethyl)-3,4,4-trimethyl-1,2-dioxetane and Comparison with Type I and Type II Photosensitizers. 1996 , 118, 9233-9238		55
568	Structural origins of bulky oxidative DNA adducts (type II I-compounds) as deduced by oxidation of oligonucleotides of known sequence. <i>Chemical Research in Toxicology</i> , 1996 , 9, 247-54	4	76
567	Induction of 8-hydroxydeoxyguanosine in DNA by chromium(III) plus hydrogen peroxide and its prevention by scavengers. <i>Carcinogenesis</i> , 1996 , 17, 103-8	4.6	88
566	Generation of reactive oxygen species during the enzymatic oxidation of polycyclic aromatic hydrocarbon trans-dihydrodiols catalyzed by dihydrodiol dehydrogenase. <i>Chemical Research in Toxicology</i> , 1996 , 9, 84-92	4	194
565	Prognostic and aetiological relevance of 8-hydroxyguanosine in human breast carcinogenesis. 1996 , 32A, 1209-14		178
564	8-Oxo-2'-deoxyguanosine level in lymphocytes DNA of cancer patients undergoing radiotherapy. 1996 , 99, 93-7		24
563	Cancer risk assessment at the crossroads: the need to turn to a biological approach. 1996 , 24, 45-59		11
562	Oxidative DNA damage in human respiratory tract epithelial cells. Time course in relation to DNA strand breakage. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 224, 17-22	3-4	72
561	Sensitive analysis of oxidative DNA damage in mammalian cells: use of the bacterial Fpg protein in combination with alkaline unwinding. 1996 , 88, 85-90		79
560	Cancer risk and oxidative DNA damage in man. 1996 , 74, 297-312		701
559	Increased oxidative DNA damage in livers of 2,3,7,8-tetrachlorodibenzo-p-dioxin treated intact but not ovariectomized rats. 1996 , 98, 219-225		71
558	Non-linear accumulation of 8-hydroxy-2'-deoxyguanosine, a marker of oxidized DNA damage, during aging. 1996 , 316, 277-85		145
557	Inhibition of UV light- and Fenton reaction-induced oxidative DNA damage by the soybean isoflavone genistein. <i>Carcinogenesis</i> , 1996 , 17, 73-7	4.6	147
556	Progression of human breast cancers to the metastatic state is linked to hydroxyl radical-induced DNA damage. 1996 , 93, 2557-63		199
555	8-Hydroxydeoxyguanosine in human leukocyte DNA and daily health practice factors: effects of individual alcohol sensitivity. 1996 , 104, 1336-8		55

554	Anomalous nonidentity between Salmonella genotoxigants and rodent carcinogens: nongenotoxic carcinogens and genotoxic noncarcinogens. 1996 , 104, 40-6		60
553	Evidence for sensitisation of DNA to oxidative damage during isolation. 1996 , 20, 93-8		33
552	Iron-induced carcinogenesis: the role of redox regulation. 1996 , 20, 553-66		440
551	Association between 8-hydroxy-2'-deoxyguanosine formation and DNA strand breaks mediated by copper and iron. 1996 , 20, 859-64		74
550	A novel HPLC procedure for the analysis of 8-oxoguanine in DNA. 1996 , 20, 467-72		41
549	Urinary malondialdehyde and 8-hydroxydeoxyguanosine as potential markers of oxidative stress in industrial art glass workers. <i>International Archives of Occupational and Environmental Health</i> , 1996 , 69, 5-13	3.2	47
548	Iron-induced tissue damage and cancer: the role of reactive oxygen species-free radicals. 1996 , 46, 311-32		138
547	Mutations of the p53 tumor suppressor gene and ras oncogenes in aflatoxin hepatocarcinogenesis. 1996 , 366, 23-44		118
546	DNA adducts: biological markers of exposure and potential applications to risk assessment. 1996 , 365, 129-46		99
545	A comparison of the 8-hydroxydeoxyguanosine, chromosome aberrations and micronucleus techniques for the assessment of the genotoxicity of mercury compounds in human blood lymphocytes. 1996 , 340, 175-82		60
544	An ab initio SCF study on the tautomerisation of fapy-guanine. 1996 , 369, 93-104		8
543	Photochemistry and Photobiology of Furocoumarin Hydroperoxides Derived from Imperatorin: Novel Intercalating Photo-Fenton Reagents for Oxidative DNA Modification by Hydroxyl Radicals*. <i>Photochemistry and Photobiology</i> , 1996 , 63, 768-778	3.6	14
542	Inhibitory effects of N,N'-diphenyl-p-phenylenediamine on the early stage of the enhanced hepatocarcinogenesis caused by coadministration of ethionine and a choline-deficient L-amino acid-defined diet in rats. 1996 , 48, 275-82		6
541	Effects of formic acid hydrolysis on the quantitative analysis of radiation-induced DNA base damage products assayed by gas chromatography/mass spectrometry. 1996 , 35, 41-53		36
540	Mammalian peroxisomes: metabolism of oxygen and reactive oxygen species. 1996 , 804, 612-27		61
539	Dose-dependent induction of 8-hydroxyguanine and preneoplastic foci in rat liver by a food-derived carcinogen, 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline, at low dose levels. 1996 , 87, 127-33		37
538	Relationship between the intracellular reactive oxygen species and the induction of oxidative DNA damage in human neutrophil-like cells. <i>Carcinogenesis</i> , 1996 , 17, 1543-8	4.6	68
537	Gene expression and cellular sources of inducible nitric oxide synthase during tumor promotion. <i>Carcinogenesis</i> , 1996 , 17, 2053-9	4.6	38

536	Specific molecular probes for mechanistic studies in toxicology and molecular epidemiology for risk assessment. 1996 , 14, 105-137		6
535	Generation of DNA base modification following treatment of cultured murine keratinocytes with benzoyl peroxide. <i>Carcinogenesis</i> , 1996 , 17, 317-20	4.6	15
534	Determination of 8-hydroxydeoxyguanosine in human cells under oxygen-free conditions. <i>Carcinogenesis</i> , 1996 , 17, 787-91	4.6	69
533	Preferential targeting of oxidative base damage to internucleosomal DNA. <i>Carcinogenesis</i> , 1996 , 17, 1175-7	4.6	31
532	Production of 8-hydroxy-2'-deoxyguanosine in DNA by microsomal activation of tamoxifen and 4-hydroxytamoxifen. <i>Carcinogenesis</i> , 1996 , 17, 1747-50	4.6	16
531	Detection of DNA damage after hyperbaric oxygen (HBO) therapy. 1996 , 11, 605-9		105
530	Mutations and oxidative DNA damage in phage M13mp2 exposed to N-nitrosomorpholine plus near-ultraviolet light. <i>Carcinogenesis</i> , 1996 , 17, 213-8	4.6	12
529	Copper-mediated DNA damage by metabolites of p-dichlorobenzene. <i>Carcinogenesis</i> , 1996 , 17, 2733-9	4.6	30
528	Activation of K-ras in aflatoxin B1-induced lung tumors from AC3F1 (A/J x C3H/HeJ) mice. <i>Carcinogenesis</i> , 1996 , 17, 1735-40	4.6	34
527	Formation and Persistence of 8-Oxoguanine in Rat Lung Cells as an Important Determinant for Tumor Formation Following Particle Exposure. 1997 , 105, 1291		5
526	The yeast 8-oxoguanine DNA glycosylase (Ogg1) contains a DNA deoxyribose phosphodiesterase (dRpase) activity. 1997 , 25, 4557-61		31
525	[32P]ATP mediates formation of 8-hydroxy-2'-deoxyguanosine from 2'-deoxyguanosine, a possible problem in the 32P-postlabeling assay. <i>Carcinogenesis</i> , 1997 , 18, 2415-9	4.6	29
524	Nuclear and non-nuclear targets of genotoxic agents in the induction of gene expression. Shared principles in yeast, rodents, man and plants. 1997 , 378, 1217-29		57
523	Mutagenicity of oxidative DNA damage in Chinese hamster V79 cells. <i>Carcinogenesis</i> , 1997 , 18, 2051-5	4.6	26
522	Drug Toxicity in Embryonic Development I. <i>Handbook of Experimental Pharmacology</i> , 1997 ,	3.2	1
521	Oxidative DNA damage estimated by oxo8dG in the liver of guinea-pigs supplemented with graded dietary doses of ascorbic acid and alpha-tocopherol. <i>Carcinogenesis</i> , 1997 , 18, 2373-7	4.6	42
520	Inhibition by N-(4-hydroxyphenyl)retinamide and all-trans-retinoic acid of exogenous and endogenous development of putative preneoplastic, glutathione S-transferase placental form-positive lesions in the livers of rats. <i>Carcinogenesis</i> , 1997 , 18, 2133-41	4.6	17
519	Effect of structurally related flavones/isoflavones on hydrogen peroxide production and oxidative DNA damage in phorbol ester-stimulated HL-60 cells. 1997 , 29, 77-82		53

518	Type I and Type II Photosensitized Oxidative Modification of 2-Deoxyguanosine (dGuo) by Triplet-Excited Ketones Generated Thermally from the 1,2-Dioxetane HTMD. 1997 , 119, 719-723		39
517	Mechanisms of Fiber-Induced Genotoxicity. 1997 , 105, 1073		27
516	ESR identification of free radicals formed from the oxidation of catechol estrogens by Cu ²⁺ . 1997 , 347, 45-52		45
515	Formation of DNA adducts and oxidative base damage by copper mediated oxidation of dopamine and 6-hydroxydopamine. 1997 , 146, 570-4		32
514	Leading versus lagging strand mutagenesis induced by 7,8-dihydro-8-oxo-2'-deoxyguanosine in <i>Escherichia coli</i> . 1997 , 265, 302-9		46
513	Influence of oxygen radical injury on DNA methylation. 1997 , 386, 141-52		150
512	Formation of 8-hydroxy-2'-deoxyguanosine following treatment of 2'-deoxyguanosine or DNA by hydrogen peroxide or glutathione. 1997 , 390, 45-50		16
511	Studies on experimental animals involving surgical procedures and/or nitrosamine treatment related to the etiology of esophageal adenocarcinoma. 1997 , 117, 161-74		22
510	Carcinogen risk assessment: a necessary dilemma?. 1997 , 117, 209-15		1
509	Dietary flavonoids, quercetin, luteolin and genistein, reduce oxidative DNA damage and lipid peroxidation and quench free radicals. 1997 , 119, 99-107		165
508	Formation and persistence of 8-oxoguanine in rat lung cells as an important determinant for tumor formation following particle exposure. 1997 , 105 Suppl 5, 1291-6		33
507	Infrared spectral models demonstrate that exposure to environmental chemicals leads to new forms of DNA. 1997 , 94, 3611-5		28
506	Mechanisms of fiber-induced genotoxicity. 1997 , 105 Suppl 5, 1073-84		104
505	L-methionine induces stage-dependent changes of differentiation and oxidative activity in sea urchin embryogenesis. 1997 , 81, 134-43		10
504	Induction of 8-oxo-7,8-dihydro-2'-deoxyguanosine by ultraviolet radiation in calf thymus DNA and HeLa cells. <i>Photochemistry and Photobiology</i> , 1997 , 65, 119-24	3.6	119
503	Quinolone antibiotic photodynamic production of 8-oxo-7,8-dihydro-2'-deoxyguanosine in cultured liver epithelial cells. <i>Photochemistry and Photobiology</i> , 1997 , 65, 990-6	3.6	54
502	Lipid peroxidation and DNA damage. 1997 , 13, 920-1		44
501	Radiation-induced oxidative DNA base damage and its repair in nuclear matrix-associated DNA and in bulk DNA in hepatic chromatin of rat upon whole-body gamma-irradiation. 1997 , 22, 101-7		16

500	Induction of a wide range of C(2-12) aldehydes and C(7-12) acylolins in the kidney of Wistar rats after treatment with a renal carcinogen, ferric nitrilotriacetate. 1997 , 22, 1019-27	70
499	Singlet oxygen involvement in ultraviolet (254 nm) radiation-induced formation of 8-hydroxy-deoxyguanosine in DNA. 1997 , 23, 148-54	66
498	Retarding effect of dietary restriction on the accumulation of 8-hydroxy-2'-deoxyguanosine in organs of Fischer 344 rats during aging. 1997 , 23, 76-81	82
497	Identification of possible reactive oxygen species involved in ultraviolet radiation-induced oxidative DNA damage. 1997 , 23, 980-5	163
496	³² P-postlabelling approaches for the detection of 8-oxo-2'-deoxyguanosine-3'-monophosphate in DNA. 1997 , 378, 139-49	14
495	Does the increase of 8-hydroxydeoxyguanosine lead to poor sperm quality?. 1997 , 381, 77-82	32
494	Proposed mechanism for the photodynamic generation of 8-oxo-7,8-dihydro-2'-deoxyguanosine produced in cultured cells by exposure to lomefloxacin. 1997 , 381, 117-29	24
493	Quantitation of 8-oxoguanine and strand breaks produced by four oxidizing agents. <i>Chemical Research in Toxicology</i> , 1997 , 10, 386-92	4 158
492	A fluoroquinolone antibiotic with a methoxy group at the 8 position yields reduced generation of 8-oxo-7,8-dihydro-2'-deoxyguanosine after ultraviolet-A irradiation. 1997 , 145, 381-7	34
491	Antibodies to oxidative DNA damage: characterization of antibodies to 8-oxopurines. 1997 , 13, 405-17	18
490	DNA adducts in human placenta in relation to tobacco smoke exposure and plasma antioxidant status. 1997 , 123, 141-51	58
489	Genetic alterations and oxidative metabolism in sporadic colorectal tumors from a Spanish community. 1997 , 18, 232-243	69
488	Oxidative stress and cancer: the role of redox regulation. 1998 , 11, 147-54	62
487	Tautomeric equilibria in 8-oxopurines: implications for mutagenicity. 1998 , 12, 373-82	36
486	Absence of DNA adduct formation by phenobarbital, polychlorinated biphenyls, and chlordane in mouse liver using the ³² P-postlabeling assay. 1998 , 148, 14-23	39
485	Role of oxidative stress in the selective toxicity of dieldrin in the mouse liver. 1998 , 150, 301-9	49
484	Nutrition, Cancer, and Aging. 1998 , 854, 371-377	29
483	Cr(III)-mediated hydroxyl radical generation via Haber-Weiss cycle. 1998 , 69, 263-268	21

482	Mutagenicity and repair of oxidative DNA damage: insights from studies using defined lesions. 1998 , 400, 99-115	360
481	Distinct mechanisms of site-specific DNA damage induced by endogenous reductants in the presence of iron(III) and copper(II). 1998 , 1399, 19-30	75
480	Exercise-induced DNA effects in human leukocytes are not accompanied by increased formation of 8-hydroxy-2'-deoxyguanosine or induction of micronuclei. 1998 , 24, 245-51	73
479	Oxidative DNA damage and cytogenetic effects in flight engineers exposed to cosmic radiation. 1998 , 32, 121-129	26
478	Genomic structure and chromosomal localization of the mouse Ogg1 gene that is involved in the repair of 8-hydroxyguanine in DNA damage. 1998 , 9, 32-7	46
477	Formation of 8-oxodeoxyguanosine in brain DNA of rats exposed to acrylonitrile. <i>Archives of Toxicology</i> , 1998 , 72, 429-38	5.8 38
476	Protective effects of green tea on hepatotoxicity, oxidative DNA damage and cell proliferation in the rat liver induced by repeated oral administration of 2-nitropropane. 1998 , 36, 1043-51	44
475	Formation of 8-hydroxydeoxyguanosine in rat kidney DNA after administration of N-ethyl-N-hydroxyethylnitrosamine. 1998 , 124, 111-8	15
474	Dextran sulfate enhances the level of an oxidative DNA damage biomarker, 8-oxo-7,8-dihydro-2'-deoxyguanosine, in rat colonic mucosa. 1998 , 134, 1-5	38
473	Congenital disorders sharing oxidative stress and cancer proneness as phenotypic hallmarks: prospects for joint research in pharmacology. 1998 , 51, 253-66	26
472	Further evidence for a possible role of conformation in the immunogenicity and antigenicity of the oxidative DNA lesion, 8-oxo-2'-deoxyguanosine. 1998 , 28, 459-69	9
471	Reactive oxygen species and silica-induced carcinogenesis. 1998 , 1, 181-97	144
470	The Role of Oxidative Stress in Chemical Carcinogenesis. 1998 , 106, 289	96
469	Can oxidative DNA damage be used as a biomarker of cancer risk in humans? Problems, resolutions and preliminary results from nutritional supplementation studies. 1998 , 29, 469-86	138
468	Methodological considerations and factors affecting 8-hydroxy-2-deoxyguanosine analysis. 1998 , 29, 511-24	25
467	DNA damage induced by m-phenylenediamine and its derivative in the presence of copper ion. 1998 , 29, 197-205	8
466	Determination of oxidative DNA base damage by gas chromatography-mass spectrometry. Effect of derivatization conditions on artifactual formation of certain base oxidation products. 1998 , 29, 321-30	36
465	DNA structural integrity and base composition affect ultraviolet light-induced oxidative DNA damage. 1998 , 37, 6485-90	65

464	Role of quinoids in estrogen carcinogenesis. <i>Chemical Research in Toxicology</i> , 1998 , 11, 1113-27	4	176
463	Benzo[a]pyrene enhances the formation of 8-hydroxy-2'-deoxyguanosine by ultraviolet A radiation in calf thymus DNA and human epidermoid carcinoma cells. 1998 , 37, 10307-12		49
462	Oxidative DNA Damage by Radicals Generated in the Thermolysis of Hydroxymethyl-Substituted 1,2-Dioxetanes through the Cleavage of Chemiexcited Ketones. 1998 , 120, 3549-3559		13
461	Regulation of nitric oxide synthase induction by iron and glutathione in asbestos-treated human lung epithelial cells. 1998 , 360, 47-52		34
460	Mechanisms of chemically induced renal carcinogenesis in the laboratory rodent. 1998 , 26, 104-12		94
459	Tamoxifen reduces endogenous and UV light-induced oxidative damage to DNA, lipid and protein in vitro and in vivo. <i>Carcinogenesis</i> , 1998 , 19, 1013-8	4.6	25
458	X-radiation induces 8-hydroxy-2'-deoxyguanosine formation in vivo in rat mammary gland DNA. <i>Carcinogenesis</i> , 1998 , 19, 1319-21	4.6	26
457	Prevention by 1'-acetoxychavicol acetate of the induction but not growth of putative preneoplastic, glutathione S-transferase placental form-positive, focal lesions in the livers of rats fed a choline-deficient, L-amino acid-defined diet. <i>Carcinogenesis</i> , 1998 , 19, 1809-14	4.6	30
456	Phosphine-Induced Oxidative Stress in Hepa 1c1c7 Cells. 1998 , 46, 204-210		62
455	Quercetin inhibits hydrogen peroxide (H ₂ O ₂)-induced NF-kappaB DNA binding activity and DNA damage in HepG2 cells. <i>Carcinogenesis</i> , 1998 , 19, 1583-9	4.6	113
454	Beta2 integrin/ICAM-1 adhesion molecule interactions in cutaneous inflammation and tumor promotion. <i>Carcinogenesis</i> , 1998 , 19, 445-55	4.6	20
453	Iron-induced oxidative DNA damage and its repair in primary rat hepatocyte culture. <i>Carcinogenesis</i> , 1998 , 19, 1053-9	4.6	53
452	12-MONTH INHALATION STUDY ON ROOM-AGED CIGARETTE SIDESTREAM SMOKE IN RATS. 1998 , 10, 663-697		22
451	The presence of two distinct 8-oxoguanine repair enzymes in human cells: their potential complementary roles in preventing mutation. 1998 , 26, 5116-22		151
450	Induction of Oxidative Stress in Rat Brain by Acrylonitrile (ACN). 1998 , 46, 333-341		58
449	Formation of 8-oxoguanine in cellular DNA of Escherichia coli strains defective in different antioxidant defences. 1998 , 13, 589-94		21
448	Biological significance of DNA damage induced by hyperbaric oxygen. 1998 , 13, 85-7		51
447	Measurement of oxidative DNA damage by gas chromatography-mass spectrometry: ethanethiol prevents artifactual generation of oxidized DNA bases. 1998 , 331 (Pt 2), 365-9		84

446	The role of oxidative stress in chemical carcinogenesis. 1998 , 106 Suppl 1, 289-95		336
445	Oxidative DNA base damage in lymphocytes of HIV-infected drug users. 1999 , 31, 197-200		8
444	Effects of 8-oxo-7,8-dihydro-2'-deoxyguanosine on the binding of the transcription factor Sp1 to its cognate target DNA sequence (GC box). 1999 , 31, 217-29		30
443	Induction of oxidative stress and oxidative damage in rat glial cells by acrylonitrile. <i>Carcinogenesis</i> , 1999 , 20, 1555-60	4.6	48
442	Oxidative damage to cellular and isolated DNA by metabolites of a fungicide ortho-phenylphenol. <i>Carcinogenesis</i> , 1999 , 20, 851-7	4.6	40
441	Pentachlorophenol (PCP) produces liver oxidative stress and promotes but does not initiate hepatocarcinogenesis in B6C3F1 mice. <i>Carcinogenesis</i> , 1999 , 20, 1115-20	4.6	59
440	Potent carcinogenicity of 2,7-dinitrofluorene, an environmental pollutant, for the mammary gland of female Sprague-Dawley rats. <i>Carcinogenesis</i> , 1999 , 20, 2017-23	4.6	8
439	Spontaneous and photosensitiser-induced DNA single-strand breaks and formamidopyrimidine-DNA glycosylase sensitive sites at nucleotide resolution in the nuclear and mitochondrial DNA of <i>Saccharomyces cerevisiae</i> . 1999 , 27, 822-30		6
438	Insertion of dGMP and dAMP during in vitro DNA synthesis opposite an oxidized form of 7,8-dihydro-8-oxoguanine. 1999 , 27, 496-502		171
437	Antioxidant effects of isoflavonoids and lignans, and protection against DNA oxidation. 1999 , 31, 149-60		57
436	Cr(IV) causes activation of nuclear transcription factor-kappa B, DNA strand breaks and dG hydroxylation via free radical reactions. 1999 , 75, 37-44		67
435	Glutathione-linked enzymes in benign and malignant oesophageal tissue. 1999 , 80, 32-7		9
434	Analysis of oxidative DNA damage and HPRT mutant frequencies in cancer patients before and after radiotherapy. 1999 , 431, 361-9		8
433	Biomarkers of free radical damage applications in experimental animals and in humans. 1999 , 26, 202-26		596
432	Enhanced benzene-induced DNA damage in PMA-stimulated cells in vitro and in LPS-treated animals. 1999 , 26, 801-8		12
431	Neutrophils cause oxidative DNA damage in alveolar epithelial cells. 1999 , 27, 234-40		94
430	Immunochemical detection of glyoxal DNA damage. 1999 , 26, 1267-73		10
429	Resveratrol, melatonin, vitamin E, and PBN protect against renal oxidative DNA damage induced by the kidney carcinogen KBrO ₃ . 1999 , 26, 1531-7		98

428	PUVA (8-methoxy-psoralen plus ultraviolet A) induces the formation of 8-hydroxy-2'-deoxyguanosine and DNA fragmentation in calf thymus DNA and human epidermoid carcinoma cells. 1999 , 27, 127-33		41
427	Reactive oxygen species-induced molecular damage and its application in pathology. 1999 , 49, 91-102		412
426	Mechanisms of DNA oxidation. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 1999 , 222, 246-52		146
425	Singlet oxygen is the major species participating in the induction of DNA strand breakage and 8-hydroxydeoxyguanosine adduct by lead acetate. 1999 , 33, 194-201		63
424	Hydrogen peroxide induces oxidative DNA damage in rat type II pulmonary epithelial cells. 1999 , 33, 273-8		10
423	Interaction of aflatoxin with L-ascorbic acid: a kinetic and mechanistic approach. 1999 , 7, 25-9		4
422	Chloroacetonitrile (CAN) induces glutathione depletion and 8-hydroxylation of guanine bases in rat gastric mucosa. 1999 , 13, 119-26		20
421	A newly adapted pulsed-field gel electrophoresis technique allows to detect distinct types of DNA damage at low frequencies in human dermal fibroblasts upon exposure to non-toxic H ₂ O ₂ concentrations. 1999 , 31, 405-18		
420	Evaluation of 8-oxodeoxyguanosine, typical oxidative DNA damage, in lymphocytes of ozone-treated arteriosclerotic patients. 1999 , 438, 23-7		32
419	8-Hydroxydeoxyguanosine in DNA from leukocytes of healthy adults: relationship with cigarette smoking, environmental tobacco smoke, alcohol and coffee consumption. 1999 , 439, 249-57		84
418	Comparative evaluation of the genotoxic properties of potassium bromate and potassium superoxide in V79 Chinese hamster cells. 1999 , 439, 213-21		38
417	Oxygen and nitrogen are pro-carcinogens. Damage to DNA by reactive oxygen, chlorine and nitrogen species: measurement, mechanism and the effects of nutrition. 1999 , 443, 37-52		278
416	Oxidative stress induced in pathologies: the role of antioxidants. <i>Biomedicine and Pharmacotherapy</i> , 1999 , 53, 169-80	7.5	259
415	Increased oxidative damage to all DNA bases in patients with type II diabetes mellitus. 1999 , 448, 120-2		78
414	Site-specific oxidation at GG and GGG sequences in double-stranded DNA by benzoyl peroxide as a tumor promoter. 1999 , 38, 16733-9		54
413	Prooxidant activity of flavonoids: copper-dependent strand breaks and the formation of 8-hydroxy-2'-deoxyguanosine in DNA. 1999 , 68, 468-72		78
412	Discrepancies in the measurement of UVC-induced 8-oxo-2'-deoxyguanosine: implications for the analysis of oxidative DNA damage. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 259, 374-8	3.4	34
411	Oxidative DNA damage by minor metabolites of toluene may lead to carcinogenesis and reproductive dysfunction. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 261, 478-83	3.4	59

410	INCREASED FRUIT AND VEGETABLE CONSUMPTION REDUCES INDICES OF OXIDATIVE DNA DAMAGE IN LYMPHOCYTES AND URINE. 1999 , 423-432	
409	Gas chromatography-mass spectrometry analysis of DNA: optimization of protocols for isolation and analysis of DNA from human blood. 2000 , 319, 401-17	17
408	Determination of 8-Hydroxy-2'-deoxyguanosine in Urine by Liquid Chromatography-Electrospray Ionization-Mass Spectrometry.. 2000 , 16, 105-106	17
407	Nitroreduction of Environmental Nitrofluorenes by Enzymes and Rat Mammary Gland In Vitro. 2000 , 16, 161-172	2
406	Psychosocial influences on cancer progression: alternative cellular and molecular mechanisms. 2000 , 13, 639-645	21
405	Nitric oxide-induced mutations in the HPRT gene of human lymphoblastoid TK6 cells and in Salmonella typhimurium. 2000 , 35, 39-47	35
404	Analysis of aromatic DNA adducts and 7,8-dihydro-8-oxo- 2'-deoxyguanosine in lymphocyte DNA from a case-control study of lung cancer involving minority populations. 2000 , 27, 34-46	50
403	Differences in the response to oxidative stress and mutant frequency in CD (Sprague-Dawley) and Fisher 344 rats due to an induced inflammatory response. 2000 , 35, 336-42	4
402	Effect of vitamin E-bonded membrane on the 8-hydroxy 2'-deoxyguanosine level in leukocyte DNA of hemodialysis patients. 2000 , 58, 790-9	75
401	Age and organ dependent spontaneous generation of nuclear 8-hydroxydeoxyguanosine in male Fischer 344 rats. 2000 , 80, 249-61	49
400	Mechanism of oxidative DNA damage induction in a strict anaerobe, Prevotella melaninogenica. 2000 , 192, 133-8	7
399	Reactive oxygen species, cell signaling, and cell injury. 2000 , 28, 1456-62	743
398	The level of typical biomarker of oxidative stress 8-hydroxy-2'-deoxyguanosine is higher in uterine myomas than in control tissues and correlates with the size of the tumor. 2000 , 29, 597-601	52
397	Levels of 8-hydroxydeoxyguanosine as a marker of DNA damage in human leukocytes. 2000 , 28, 13-7	105
396	Detection of oxidative DNA damage in human sperm and its association with sperm function and male infertility. 2000 , 28, 529-36	212
395	Phosphine-induced oxidative damage in rats: attenuation by melatonin. 2000 , 28, 636-42	84
394	Subchronic administration of phenobarbital alters the mutation spectrum of lacI in the livers of Big Blue transgenic mice. 2000 , 448, 69-80	16
393	Peroxynitrite-induced DNA damage in the supF gene: correlation with the mutational spectrum. 2000 , 447, 287-303	75

392	Protective effects of melatonin against oxidation of guanine bases in DNA and decreased microsomal membrane fluidity in rat liver induced by whole body ionizing radiation. 2000 , 211, 137-44		39
391	Age-related changes of liver antioxidant enzymes and 8-hydroxy-2'-deoxyguanosine during fetal-neonate transition and early rat development. 2000 , 49, 497-500		12
390	UVA-induced oxidative damage in retinal pigment epithelial cells after H2O2 or sparfloracin exposure. 2000 , 16, 303-12		13
389	DNA damage induced in cells by gamma and UVA radiation as measured by HPLC/GC-MS and HPLC-EC and Comet assay. <i>Chemical Research in Toxicology</i> , 2000 , 13, 541-9	4	234
388	Estrogens as endogenous genotoxic agents--DNA adducts and mutations. 2000 , 75-93		390
387	In vitro DNA synthesis opposite oxazolone and repair of this DNA damage using modified oligonucleotides. 2000 , 28, 1555-63		83
386	Molecular markers for early cancer detection. 2000 , 18, 75-125		10
385	8-Hydroxy-2'-deoxyguanosine in cervical cells: correlation with grade of dysplasia and human papillomavirus infection. <i>Carcinogenesis</i> , 2000 , 21, 1143-1147	4.6	42
384	Endogenous oxidative DNA base modifications analysed with repair enzymes and GC/MS technique. 2000 , 28, E16		46
383	Detection of oxidative base DNA damage by a new biochemical assay. 2000 , 376, 26-33		32
382	Oxidative DNA damage: endogenous and chemically induced. 2000 , 32, 283-92		72
381	Acrylonitrile-induced morphological transformation in Syrian hamster embryo cells. <i>Carcinogenesis</i> , 2000 , 21, 727-33	4.6	26
380	Role of quinones in toxicology. <i>Chemical Research in Toxicology</i> , 2000 , 13, 135-60	4	1288
379	Use of rat liver slices for the study of oxidative DNA damage in comparison with isolated rat liver nuclei and HepG2 human hepatoma cells. 2000 , 38, 451-8		9
378	Protective effect of extracts of <i>Mesona procumbens</i> Hemsl. on DNA damage in human lymphocytes exposed to hydrogen peroxide and UV irradiation. 2000 , 38, 747-54		34
377	The effects of 1-nitropyrene, 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine and 7,12-dimethylbenz[a]anthracene on 8-hydroxy-2'-deoxyguanosine levels in the rat mammary gland and modulation by dietary 1,4-phenylenebis(methylene) selenocyanate. 2000 , 151, 7-13		22
376	Role of reactive oxygen species in apoptosis: implications for cancer therapy. 2000 , 32, 157-70		550
375	The impact of endogenous estradiol metabolites on carcinogenesis. 2000 , 65, 357-69		60

374	Changes in urine 8-hydroxydeoxyguanosine levels of super-marathon runners during a four-day race period. 2000 , 66, 1763-7		53
373	Retinol supplementation induces DNA damage and modulates iron turnover in rat Sertoli cells. 2000 , 33, 677-87		45
372	Copper-dependent DNA damage induced by hydrazobenzene, an azobenzene metabolite. 2000 , 32, 469-78		5
371	Hepatobiliary Helicobacters: recognized animal pathogens with suspected pathogenic potential in humans. 2000 , 83-104		1
370	The steady-state levels of oxidative DNA damage and of lipid peroxidation (F2-isoprostanes) are not correlated in healthy human subjects. 2000 , 32, 355-62		27
369	Urinary 8-oxo-2'-deoxyguanosine--source, significance and supplements. 2000 , 32, 381-97		157
368	New aspects in genotoxic risk assessment of styrene exposure--a working hypothesis. 2000 , 54, 619-23		45
367	Oxaluric Acid as the Major Product of Singlet Oxygen-Mediated Oxidation of 8-Oxo-7,8-dihydroguanine in DNA. 2000 , 122, 12622-12628		112
366	Peroxynitrite-induced secondary oxidative lesions at guanine nucleobases: chemical stability and recognition by the Fpg DNA repair enzyme. <i>Chemical Research in Toxicology</i> , 2000 , 13, 658-64	4	53
365	Nitric oxide-mediated inhibition of DNA repair potentiates oxidative DNA damage in cholangiocytes. 2001 , 120, 190-9		175
364	Effects of lyophilized black raspberries on azoxymethane-induced colon cancer and 8-hydroxy-2'-deoxyguanosine levels in the Fischer 344 rat. 2001 , 40, 125-33		173
363	Asp-Ala-His-Lys (DAHK) inhibits copper-induced oxidative DNA double strand breaks and telomere shortening. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 282, 356-60	3-4	52
362	Strain variation in renal carcinogenesis by N-ethyl-N-hydroxyethylnitrosamine in F1 (Wistar-Fischer) rats. 2001 , 170, 125-30		2
361	8-Oxo-7,8-dihydroguanine and 8-oxo-7,8-dihydro-2'-deoxyguanosine levels in human urine do not depend on diet. 2001 , 35, 825-32		81
360	Anticarcinogenic actions of melatonin which involve antioxidative processes: comparison with other antioxidants. 2001 , 33, 735-53		114
359	The role of oxidative stress in developmental and reproductive toxicity of tamoxifen. 2001 , 68, 1735-49		45
358	Protection of salvia miltiorrhiza against aflatoxin-B1-induced hepatocarcinogenesis in Fischer 344 rats dual mechanisms involved. 2001 , 69, 309-26		26
357	Renal function, cytogenetic measurements, and sexual development in adolescents in relation to environmental pollutants: a feasibility study of biomarkers. 2001 , 357, 1660-9		170

356	Oxidative stress induces the expression of the major histocompatibility complex in murine tumor cells. 2001 , 35, 119-28		3
355	Retinol supplementation induces oxidative stress and modulates antioxidant enzyme activities in rat sertoli cells. 2001 , 34, 395-404		88
354	Oxidative DNA damage in prostate cancer patients consuming tomato sauce-based entrees as a whole-food intervention. 2001 , 93, 1872-9		342
353	Repair and mutagenic potential of oxaluric acid, a major product of singlet oxygen-mediated oxidation of 8-oxo-7,8-dihydroguanine. <i>Chemical Research in Toxicology</i> , 2001 , 14, 46-53	4	61
352	Polyphenol protection of DNA against damage. 2001 , 335, 232-44		13
351	Organochlorines and 8-hydroxy-2'-deoxyguanosine (8-OHdG) in cancerous and noncancerous breast tissue: do the data support the hypothesis that oxidative DNA damage caused by organochlorines affects breast cancer?. 2001 , 41, 386-95		13
350	Ser326Cys polymorphism in hOGG1 gene and risk of esophageal cancer in a Chinese population. 2001 , 95, 140-3		137
349	Pentachlorophenol potentiates benzo[a]pyrene DNA adduct formation in adult but not infant B6C3F1 male mice. 2001 , 37, 164-72		4
348	Novel effects of nitric oxide. 2001 , 41, 203-36		477
347	2'-deoxyguanosine oxidation is associated with decrease in the DNA-binding activity of the transcription factor Sp1 in liver and kidney from diabetic and insulin-resistant rats. 2001 , 30, 107-18		19
346	Differences between cysteine and homocysteine in the induction of deoxyribose degradation and DNA damage. 2001 , 30, 354-62		31
345	Antioxidant enzyme activities and the production of MDA and 8-oxo-dG in chronic lymphocytic leukemia. 2001 , 30, 1286-92		97
344	Diepoxybutane and mitomycin C toxicity is associated with the induction of oxidative DNA damage in sea urchin embryos. 2001 , 20, 651-5		23
343	Effect of cigarette smoke exposure on the modulation of 8-oxo-2'-deoxyguanosine in rat lungs as analyzed by 32P-postlabeling and HPLC-ECD. 2001 , 19, 763-6		1
342	DETECTION OF OXIDATIVE DNA DAMAGE IN HUMAN SPERM AND ITS ASSOCIATION WITH SPERM FUNCTION AND MALE INFERTILITY. 2001 , 89-96		
341	Accumulation of 8-oxo-2'-deoxyguanosine and increased expression of hMTH1 protein in brain tumors. 2001 , 3, 73-81		47
340	Specific genomic alterations in rat renal cell carcinomas induced by N-ethyl-N-hydroxyethylnitrosamine. 2001 , 29, 232-6		3
339	Quartz exposure of the rat lung leads to a linear dose response in inflammation but not in oxidative DNA damage and mutagenicity. 2001 , 24, 492-8		36

338	Lipid and DNA oxidative damage in experimentally induced hepatic porphyria in C57BL/10ScSn mice. 2001 , 39, 453-5, 458		4
337	Attenuation of the development of murine solid leukemia tumor by physical exercise. 2002 , 4, 213-9		18
336	Role of DNA repair in particle- and fiber-induced lung injury. 2002 , 14, 91-100		20
335	Analysis of 8-oxo-7,8-dihydro-2'-deoxyguanosine and DNA strand breaks in white blood cells of occupationally exposed workers: comparison with ambient monitoring, urinary metabolites and enzyme polymorphisms. <i>Carcinogenesis</i> , 2002 , 23, 273-81	4.6	92
334	Morphological transformation and oxidative stress induced by cyanide in Syrian hamster embryo (SHE) cells. 2002 , 68, 437-43		14
333	Carcinogenicity of dimethylarsinic acid in male F344 rats and genetic alterations in induced urinary bladder tumors. <i>Carcinogenesis</i> , 2002 , 23, 1387-97	4.6	193
332	Nutritional and lifestyle determinants of DNA oxidative damage: a study in a Mediterranean population. <i>Carcinogenesis</i> , 2002 , 23, 1483-9	4.6	76
331	Induction of tumors in the colon and liver of the immunodeficient (SCID) mouse by 2-amino-3-methylimidazo[4,5-f]quinoline (IQ)-modulation by long-chain fatty acids. <i>Carcinogenesis</i> , 2002 , 23, 1519-29	4.6	6
330	Formation of 8-hydroxydeoxyguanosine and cell-cycle arrest in the rat liver via generation of oxidative stress by phenobarbital: association with expression profiles of p21(WAF1/Cip1), cyclin D1 and Ogg1. <i>Carcinogenesis</i> , 2002 , 23, 341-9	4.6	90
329	Mechanisms of 2-butoxyethanol carcinogenicity: studies on Syrian Hamster Embryo (SHE) cell transformation. 2002 , 68, 43-50		13
328	Influence of Maillard reaction products on DNA damage in human lymphocytes. 2002 , 50, 2970-6		10
327	Comparative tumorigenicity of the environmental pollutant 6-nitrochrysene and its metabolites in the rat mammary gland. <i>Chemical Research in Toxicology</i> , 2002 , 15, 972-8	4	17
326	Redox-modulated xenobiotic action and ROS formation: a mirror or a window?. 2002 , 21, 77-81		35
325	Effects of 2-butoxyethanol on hepatic oxidative damage. 2002 , 126, 19-29		18
324	Interactions by carcinogenic metal compounds with DNA repair processes: toxicological implications. 2002 , 127, 47-54		197
323	Oxidative DNA damage: biological significance and methods of analysis. 2002 , 39, 331-457		86
322	Simple cryoprotection and cell dissociation techniques for application of the comet assay to fresh and frozen rat tissues. 2002 , 36, 203-9		19
321	Biomarkers. 2002 , 23, 101-208		233

320	Loss of oxidized and chlorinated bases in DNA treated with reactive oxygen species: implications for assessment of oxidative damage in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 296, 883-9	3-4	40
319	Prooxidant action of gallic acid compounds: copper-dependent strand breaks and the formation of 8-hydroxy-2'-deoxyguanosine in DNA. 2002 , 16, 705-9		41
318	Coexposure to benzo[a]pyrene plus ultraviolet A induces 8-oxo-7,8-dihydro-2'-deoxyguanosine formation in human skin fibroblasts: preventive effects of anti-oxidant agents. 2002 , 12, 37-42		19
317	DNA adducts, genetic polymorphisms, and K-ras mutation in human pancreatic cancer. 2002 , 513, 37-48		68
316	Genotoxicity of hyperbaric oxygen. 2002 , 512, 111-9		65
315	Estradiol metabolism and malignant disease. 2002 , 43, 1-10		58
314	Inhibition of ultraviolet light-induced oxidative events in the skin and internal organs of hairless mice by isoflavone genistein. 2002 , 185, 21-9		99
313	. 2002 ,		5
312	DNA Adducts. 35-77		
311	Assessment of DNA base oxidation and glutathione level in patients with type 2 diabetes. 2002 , 505, 75-81		72
310	The effect of Au injection on the ceruloplasmin, metallothionein and 8-hydroxydeoxyguanosine of rat serum, kidney and liver. <i>Chemico-Biological Interactions</i> , 2002 , 140, 265-78	5	2
309	Supplementation with antioxidant vitamins prevents oxidative modification of DNA in lymphocytes of HIV-infected patients. 2002 , 32, 414-20		69
308	Effect of diet on cancer development: is oxidative DNA damage a biomarker?. 2002 , 32, 968-74		197
307	Biological consequences of free radical-damaged DNA bases. 2002 , 33, 1-14		335
306	Progress in the analysis of urinary oxidative DNA damage. 2002 , 33, 1601-14		72
305	Persistent oxidative stress in colorectal carcinoma patients. 2002 , 101, 395-7		96
304	Oxidative stress has a role in malignant transformation in Barrett's oesophagus. 2002 , 102, 551-5		70
303	Exercise training decreases DNA damage and increases DNA repair and resistance against oxidative stress of proteins in aged rat skeletal muscle. 2002 , 445, 273-8		169

302	The level of 8-oxo-7,8-dihydro-2'-deoxyguanosine is positively correlated with the size of the labile iron pool in human lymphocytes. 2002 , 7, 548-50		28
301	DNA and RNA damage by Cu(II)-amikacin complex. 2002 , 269, 5547-56		28
300	Antioxidant and pro-oxidant properties of ascorbic acid and gallic acid. 2002 , 79, 307-313		404
299	Urinary excretion of 8-hydroxy-2'-deoxyguanosine measured by high-performance liquid chromatography with electrochemical detection. 2002 , 778, 393-401		63
298	Quinoids, quinoid radicals, and phenoxy radicals formed from estrogens and antiestrogens. 2002 , 177, 55-65		96
297	Changes in low molecular weight DNA fragmentation in white blood cells after diisocyanate exposure of workers. <i>Archives of Toxicology</i> , 2003 , 77, 470-6	5.8	8
296	Leukocyte 8-hydroxydeoxyguanosine and aromatic DNA adduct in coke-oven workers with polycyclic aromatic hydrocarbon exposure. <i>International Archives of Occupational and Environmental Health</i> , 2003 , 76, 499-504	3.2	31
295	Oxidative DNA damage in cancer patients: a cause or a consequence of the disease development?. 2003 , 531, 177-90		96
294	Antioxidant perturbations in the olfactory mucosa of alachlor-treated rats. <i>Biochemical Pharmacology</i> , 2003 , 66, 1707-15	6	23
293	Effect of caloric restriction on Hprt lymphocyte mutation in aging rats. 2003 , 527, 57-66		21
292	DNA damage and antioxidant defense in peripheral leukocytes of patients with Type I diabetes mellitus. 2003 , 527, 49-55		49
291	Synergistic enhancement of H ₂ O ₂ production in human epidermoid carcinoma cells by Benzo[a]pyrene and ultraviolet A radiation. 2003 , 188, 104-9		30
290	Investigations on the inflammatory and genotoxic lung effects of two types of titanium dioxide: untreated and surface treated. 2003 , 189, 84-95		142
289	Effect of psoralens on Fenton-like reaction generating reactive oxygen species. 2003 , 72, 59-68		17
288	Immunohistochemical study of the relationship between 8-hydroxy-2'-deoxyguanosine levels in noncancerous region and postoperative recurrence of hepatocellular carcinoma in remnant liver. 2003 , 25, 435-441		22
287	Increased urinary 8-hydroxy-2'-deoxyguanosine excretion after ileal neobladder replacement. 2003 , 91, 657-60		7
286	Oscillating formation of 8-oxoguanine during DNA oxidation. 2003 , 125, 6604-5		36
285	Oxidative DNA damage estimated by urinary 8-hydroxydeoxyguanosine: influence of taxi driving, smoking and areca chewing. 2003 , 52, 1163-71		67

284	Protection of tea melanin on hydrazine-induced liver injury. 2003 , 72, 1061-71	38
283	Marathon running alters the DNA base excision repair in human skeletal muscle. 2003 , 72, 1627-33	81
282	Microcystin-LR induces oxidative DNA damage in human hepatoma cell line HepG2. 2003 , 41, 41-8	179
281	MutY is down-regulated by oxidative stress in <i>E. coli</i> . 2003 , 37, 873-9	8
280	Measurement of DNA breaks and oxidative damage in polymorphonuclear and mononuclear white blood cells: a novel approach using the comet assay. 2003 , 538, 71-80	47
279	Metabolismo oxidativo en las neoplasias ovřicas. 2003 , 46, 291-298	
278	Acrylonitrile-induced neurotoxicity in normal human astrocytes: oxidative stress and 8-hydroxy-2'-deoxyguanosine formation. 2003 , 13, 169-79	18
277	Oxidative stress in lung epithelial cells from patients with idiopathic interstitial pneumonias. 2003 , 21, 232-40	98
276	Carbon dioxide modulation of peroxyxynitrite-induced mutagenesis of the supF gene in pSP189. <i>Chemical Research in Toxicology</i> , 2003 , 16, 487-92	4 9
275	Genotoxicity of 255 chemicals in the Salmonella microsome test (Ames test) and 8-hydroxyguanine (8-OH-Gua) assay for the detection of carcinogens. 2003 , 1, 25-30	
274	Effect of duodenogastric reflux on N-methyl-N'-nitro-N-nitrosoguanidine-induced glandular stomach tumorigenesis in Helicobacter pylori-infected Mongolian gerbils. 2004 , 11, 965	
273	Increased urinary excretion of 8-hydroxydeoxyguanosine in engine room personnel exposed to polycyclic aromatic hydrocarbons. 2004 , 61, 692-6	48
272	Chemically induced renal tubule tumors in the laboratory rat and mouse: review of the NCI/NTP database and categorization of renal carcinogens based on mechanistic information. 2004 , 34, 211-99	95
271	Metallothionein (I/II) suppresses genotoxicity caused by dimethylarsinic acid. 2004 , 25, 325	1
270	Collaborative effects of Photobacterium CuZn superoxide dismutase (SODs) and human AP endonuclease in DNA repair and SOD-deficient Escherichia coli under oxidative stress. 2004 , 36, 173-9	3
269	In utero origins of cancer: maternal dietary vitamin E, fetal oxidative DNA damage, and postnatal carcinogenesis in p53 knockout mice. 2004 , 1031, 395-8	8
268	Inhaled particles and lung cancer. Part A: Mechanisms. 2004 , 109, 799-809	477
267	Melatonin as a radioprotective agent: a review. 2004 , 59, 639-53	216

266	Oxidation of adenine and adenosine derivatives by dimethyldioxirane (DMDO) using halogenated metalloporphyrins as catalysts. 2004 , 214, 219-225	3
265	Protective effect of Mesona procumbens against tert-butyl hydroperoxide-induced acute hepatic damage in rats. 2004 , 52, 4121-7	38
264	Oligonucleotide incorporation of 8-thio-2'-deoxyguanosine. 2004 , 6, 3817-20	20
263	Direct electrochemiluminescence detection of oxidized DNA in ultrathin films containing [Os(bpy) ₂ (PVP) ₁₀] ²⁺ . 2004 , 126, 8835-41	117
262	Free radicals in cell biology. 2004 , 237, 57-89	186
261	Voltammetric sensor for oxidized DNA using ultrathin films of osmium and ruthenium metallopolymers. 2004 , 76, 5557-63	57
260	Oxidative DNA damage in patients with prostate cancer and its response to treatment. 2004 , 171, 1533-6	83
259	Organic Metal and Metalloid Species in the Environment. 2004 ,	12
258	Role of glutathione in the induction of apoptosis and c-fos and c-jun mRNAs by oxidative stress in tumor cells. 2004 , 208, 103-13	31
257	Dysregulation of apoptosis by benzene metabolites and their relationships with carcinogenesis. 2004 , 1690, 11-21	27
256	Effects of cooking oil fumes on the genotoxicity and oxidative stress in human lung carcinoma (A-549) cells. 2004 , 18, 571-80	57
255	Prognostic significance of oxidative DNA damage evaluated by 8-hydroxy-2'-deoxyguanosine in patients undergoing radical nephrectomy for renal cell carcinoma. 2004 , 64, 1057-61	34
254	Metal-mediated oxidative damage to cellular and isolated DNA by gallic acid, a metabolite of antioxidant propyl gallate. 2004 , 558, 111-20	61
253	Use of whole blood directly for single-cell gel electrophoresis (comet) assay in vivo and white blood cells for in vitro assay. 2004 , 564, 75-82	57
252	Oxidative DNA damage and disease: induction, repair and significance. 2004 , 567, 1-61	930
251	Generation of 8-hydroxydeoxyguanosine from DNA using rat liver homogenates. 2005 , 96, 13-8	14
250	Fetal origin of adverse pregnancy outcome: the water disinfectant by-product chloroacetonitrile induces oxidative stress and apoptosis in mouse fetal brain. 2005 , 159, 1-11	21
249	Benzo[a]pyrene and its metabolites combined with ultraviolet A synergistically induce 8-hydroxy-2'-deoxyguanosine via reactive oxygen species. 2005 , 39, 1177-83	34

248	Oxidative stress as a multiple effector in Fanconi anaemia clinical phenotype. 2005 , 75, 93-100	57
247	Oxidative DNA damage and antioxidant vitamin level: comparison among lung cancer patients, healthy smokers and nonsmokers. 2005 , 114, 153-6	40
246	Factors contributing to neuronal degeneration in retinas of experimental glaucomatous rats. 2005 , 82, 674-89	43
245	Multiple involvement of oxidative stress in Werner syndrome phenotype. 2005 , 6, 233-43	33
244	Östradiolmetabolismus und gynäkologische Malignome. 2005 , 3, 134-139	
243	Contribution of hMTH1 to the maintenance of 8-oxoguanine levels in lung DNA of non-small-cell lung cancer patients. 2005 , 97, 384-95	76
242	Oxidative DNA damage in the human trabecular meshwork: clinical correlation in patients with primary open-angle glaucoma. 2005 , 123, 458-63	294
241	DNA damage, DNA susceptibility to oxidation and glutathione level in women with polycystic ovary syndrome. 2005 , 65, 721-8	48
240	Protective effect of epigallocatechin gallate and esculetin on oxidative DNA damage induced by psoralen plus ultraviolet-A therapy. 2005 , 69, 620-2	13
239	In vivo prooxidant state in Werner syndrome (WS): results from three WS patients and two WS heterozygotes. 2005 , 39, 529-33	39
238	Oxidised guanidinohydantoin (Ghox) and spiroiminodihydantoin (Sp) are major products of iron- and copper-mediated 8-oxo-7,8-dihydroguanine and 8-oxo-7,8-dihydro-2'-deoxyguanosine oxidation. 2005 , 1, 373-81	25
237	Dual role of vitamin C in an oxygen-sensitive system: discrepancy between DNA damage and cell death. 2005 , 39, 213-20	8
236	Dynamic behavior of DNA base pairs containing 8-oxoguanine. 2005 , 127, 13906-18	60
235	In vitro evidence for the recognition of 8-oxoGTP by Ras, a small GTP-binding protein. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 327, 342-8	3-4 19
234	Substantial decrease of urinary 8-oxo-7,8-dihydroguanine, a product of the base excision repair pathway, in DNA glycosylase defective mice. 2005 , 37, 1331-6	35
233	Differential modulation of normal and tumor cell proliferation by reactive oxygen species. <i>Biomedicine and Pharmacotherapy</i> , 2005 , 59, 169-74	7-5 106
232	Lung cancer in smoking patients inversely alters the activity of hOGG1 and hNTH1. 2005 , 219, 191-5	16
231	Base pair stability of 8-chloro- and 8-iodo-2'-deoxyguanosine opposite 2'-deoxycytidine: implications regarding the bioactivity of 8-oxo-2'-deoxyguanosine. 2005 , 127, 12220-1	22

230	Urinary 8-hydroxy-2'-deoxyguanosine in inhabitants chronically exposed to arsenic in groundwater in Cambodia. 2006 , 8, 293-9	41
229	Chapter 1 Bioactivation of Estrogens to Toxic Quinones. 2006 , 1-23	1
228	Synthesis, oligonucleotide incorporation and base pair stability of 7-methyl-8-oxo-2'-deoxyguanosine. 2006 , 4, 4068-70	13
227	Proapoptotic and antitumor activities of the HMG-CoA reductase inhibitor, lovastatin, against Dalton's lymphoma ascites tumor in mice. 2006 , 366, 322-8	24
226	Impairment of antioxidant enzymes, lipid peroxidation and 8-oxo-2'-deoxyguanosine in advanced epithelial ovarian carcinoma of a Spanish community. 2006 , 233, 28-35	35
225	Oxidative DNA damage induced by hair dye components ortho-phenylenediamines and the enhancement by superoxide dismutase. 2006 , 607, 184-91	20
224	Molecular basis of anticlastogenic potential of vanadium in vivo during the early stages of diethylnitrosamine-induced hepatocarcinogenesis in rats. 2006 , 609, 117-28	8
223	Oxidative Stress and Photocarcinogenesis: Strategies for Prevention. 2006 , 933-964	10
222	Increased serum levels of 8-hydroxy-2'-deoxyguanosine in clinical depression. 2006 , 68, 1-7	223
221	Chemopreventive effect of vanadium in a rodent model of chemical hepatocarcinogenesis: reflections in oxidative DNA damage, energy-dispersive X-ray fluorescence profile and metallothionein expression. 2006 , 11, 855-66	15
220	Synergistic DNA damage and lipid peroxidation in cultured human white blood cells exposed to 4-(methyl-nitrosamino)-1-(3-pyridyl)-1-butanone and ultraviolet A. 2006 , 47, 73-81	19
219	Increased sensitivity to mitomycin C-induced sister chromatid exchange in lymphocytes from patients undergoing hyperbaric oxygen therapy. 2006 , 47, 185-91	5
218	Neutrophils and respiratory tract DNA damage and mutagenesis: a review. 2006 , 21, 225-36	142
217	Antioxidative biomarkers and cancerogenesis. 2006 , 25, 397-402	4
216	Functional Ser326Cys polymorphism in the hOGG1 gene is not associated with breast cancer risk. 2006 , 15, 403-4	27
215	Enhanced tumorigenesis in p53 knockout mice exposed in utero to high-dose vitamin E. <i>Carcinogenesis</i> , 2006 , 27, 1358-68	4.6 14
214	Suppression of early stages of neoplastic transformation in a two-stage chemical hepatocarcinogenesis model: supplementation of vanadium, a dietary micronutrient, limits cell proliferation and inhibits the formations of 8-hydroxy-2'-deoxyguanosines and DNA strand-breaks in the liver of sprague-dawley rats. 2007 , 59, 228-47	11
213	A radiobiological review on melatonin: a novel radioprotector. 2007 , 48, 263-72	133

212	Oxidative stress change by systemic corticosteroid treatment among patients having active graves ophthalmopathy. 2007 , 125, 1652-6	46
211	Inhibitory effect of natural coumarin compounds, esculetin and esculin, on oxidative DNA damage and formation of aberrant crypt foci and tumors induced by 1,2-dimethylhydrazine in rat colons. 2007 , 30, 2052-7	63
210	Carcinogen-induced early molecular events and its implication in the initiation of chemical hepatocarcinogenesis in rats: chemopreventive role of vanadium on this process. 2007 , 1772, 48-59	43
209	DNA damage induced by coexposure to PAHs and light. 2007 , 23, 256-63	59
208	Toxicological potential of 2-alkylcyclobutanones--specific radiolytic products in irradiated fat-containing food--in bacteria and human cell lines. 2007 , 45, 2581-91	21
207	High sensitivity of fatty liver Shionogi (FLS) mice to diethylnitrosamine hepatocarcinogenesis: comparison to C3H and C57 mice. 2007 , 246, 115-21	16
206	Oxidative Damage to Nucleic Acids. 2007 ,	5
205	Helicobacter Infections in Mice. 2007 , 407-435	1
204	A battery of DNA effect biomarkers to evaluate environmental exposure of Flemish adolescents. 2007 , 27, 238-46	14
203	Molecular basis of vanadium-mediated inhibition of hepatocellular preneoplasia during experimental hepatocarcinogenesis in rats. 2007 , 101, 244-58	12
202	8-Hydroxy-2'-deoxyguanosine (8-OH-dG) as a potential survival biomarker in patients with nonsmall-cell lung cancer. 2007 , 109, 574-80	73
201	Chromatographic and electrophoretic methods for the analysis of biomarkers of oxidative damage to macromolecules (DNA, lipids, and proteins). 2007 , 30, 175-91	79
200	Analyses of representative biomarkers of exposure and effect by chromatographic, mass spectrometric, and nuclear magnetic resonance techniques: method development and application in life sciences. 2007 , 30, 149-74	14
199	Loading/release behavior of (chitosan/DNA) _n layer-by-layer films toward negatively charged anthraquinone and its application in electrochemical detection of natural DNA damage. 2007 , 23, 661-7	30
198	The changes of oxidative stress and human 8-hydroxyguanine glycosylase1 gene expression in depressive patients with acute leukemia. 2007 , 31, 387-93	33
197	Chk2 kinase is required for methylglyoxal-induced G2/M cell-cycle checkpoint arrest: implication of cell-cycle checkpoint regulation in diabetic oxidative stress signaling. 2007 , 12, 919-28	17
196	Assessment of oxidative DNA damage formation by organic complex mixtures from airborne particles PM(10). 2007 , 620, 135-44	18
195	Photoionization of DNA and RNA Bases, Nucleosides and Nucleotides Through a Combination of One- and Two-photon Pathways upon 266 nm Nanosecond Laser Excitation[<i>J. Photochemistry and Photobiology</i> , 2007 , 76, 259-267	3.6 0

194	Long-term phlebotomy with low-iron diet therapy lowers risk of development of hepatocellular carcinoma from chronic hepatitis C. 2007 , 42, 830-6		152
193	beta-Naphthoflavone enhances oxidative stress responses and the induction of preneoplastic lesions in a diethylnitrosamine-initiated hepatocarcinogenesis model in partially hepatectomized rats. 2008 , 244, 179-89		49
192	Oxidative DNA damage induced by ethanol in mouse peripheral leucocytes. 2008 , 103, 222-7		15
191	Different patterns of in vivo pro-oxidant states in a set of cancer- or aging-related genetic diseases. 2008 , 44, 495-503		23
190	Oxygen induces mutation in a strict anaerobe, <i>Prevotella melaninogenica</i> . 2008 , 44, 1857-62		6
189	Oxidative DNA damage and its repair in rat spleen following subchronic exposure to aniline. 2008 , 233, 247-53		41
188	Tempol protects against oxidative damage and delays epithelial tumor onset in Fanconi anemia mice. 2008 , 68, 1601-8		57
187	A novel prodrug of 4'-geranyloxy-ferulic acid suppresses colitis-related colon carcinogenesis in mice. 2008 , 60, 675-84		18
186	Corneal endothelial cell damage by free radicals associated with ultrasound oscillation. 2008 , 126, 816-21		63
185	In vitro antioxidative potential of lactoferrin and black tea polyphenols and protective effects in vivo on carcinogen activation, DNA damage, proliferation, invasion, and angiogenesis during experimental oral carcinogenesis. 2008 , 17, 193-203		26
184	Oxidative DNA damage in retinopathy of prematurity. 2009 , 19, 80-5		24
183	Exercise-Induced Genetic Damage: A Review. 2009 , 9, 69-96		6
182	Biological Basis of Differential Susceptibility to Hepatocarcinogenesis among Mouse Strains. <i>Journal of Toxicologic Pathology</i> , 2009 , 22, 11-33	1.4	48
181	Interactive effect of cigarette smoking with human 8-oxoguanine DNA N-glycosylase 1 (hOGG1) polymorphisms on the risk of lung cancer: a case-control study in Taiwan. 2009 , 170, 695-702		42
180	Increased levels of oxidative DNA damage attributable to cooking-oil fumes exposure among cooks. 2009 , 21, 682-7		26
179	Serendipitous findings while researching oxygen free radicals. 2009 , 46, 1004-13		16
178	Elevated level of 8-oxo-7,8-dihydro-2'-deoxyguanosine in leukocytes of BRCA1 mutation carriers compared to healthy controls. 2009 , 125, 2209-13		29
177	Excretion characteristics of urinary 8-hydroxydeoxyguanosine after dietary exposure to polycyclic aromatic hydrocarbons. 2010 , 51, 243-50		10

176	Maintenance of human sperm motility and prevention of oxidative damage through co-culture incubation. 1997 , 29, 227-33		2
175	Electrochemical detection of in situ DNA damage with layer-by-layer films containing DNA and glucose oxidase and protection effect of catalase layers against DNA damage. 2009 , 54, 2706-2712		16
174	Environmental ozone exposure and oxidative DNA damage in adult residents of Florence, Italy. 2009 , 157, 1521-5		23
173	Excision of the oxidatively formed 5-hydroxyhydantoin and 5-hydroxy-5-methylhydantoin pyrimidine lesions by <i>Escherichia coli</i> and <i>Saccharomyces cerevisiae</i> DNA N-glycosylases. 2009 , 1790, 16-24		18
172	Chloroacetonitrile induces oxidative stress and apoptosis in mouse fetal liver. 2009 , 190, 123-7		12
171	Genotoxic fungicide methyl thiophanate as an oxidative stressor inducing 8-oxo-7,8-dihydro-2'-deoxyguanosine adducts in DNA and mutagenesis. 2010 , 45, 40-5		9
170	Oxidative DNA damage and antioxidant defense after reperfusion in acute myocardial infarction. 2009 , 57, 595-9		13
169	Contemporary Trends in Dioxetane Chemistry * This chapter is dedicated to our appreciated friend and esteemed colleague, Professor Rostislav F. Vasil'ev, for his pioneering work on the chemical generation of electronically excited states. 2009 ,		
168	Increased Serum Cu/Zn SOD in Individuals with Clinical Depression Normalizes After Zinc and Anti-oxidant Therapy. 2010 , 3, 37-42		13
167	Asian dust and titanium dioxide particles-induced inflammation and oxidative DNA damage in C57BL/6 mice. 2010 , 22, 1127-33		26
166	The role of DNA repair in benzene-induced carcinogenesis. <i>Chemico-Biological Interactions</i> , 2010 , 184, 269-72	5	46
165	Curcumin, resveratrol and flavonoids as anti-inflammatory, cyto- and DNA-protective dietary compounds. 2010 , 278, 88-100		152
164	OGG1 is a novel prognostic indicator in acute myeloid leukaemia. 2010 , 29, 2005-12		27
163	Increased Serum Cu/Zn SOD in Individuals with Bipolar Disorder. 2010 , 3, PRI.S5527		
162	Health Effect Assessment on Volunteers Involved in the Cleanup Operation Following the Hebei Spirit Oil Spill Along the Taean Coast, Korea. 2010 , 22, 11		5
161	Increased Serum Cu/Zn Superoxide Dismutase in Individuals with Anxiety. 2010 , 3, PRI.S5180		1
160	Clinical significance of sperm DNA damage in assisted reproduction outcome. 2010 , 25, 1594-608		162
159	. 2010 ,		

158	Oligonucleotide incorporation and base pair stability of 9-deaza-2'-deoxyguanosine, an analogue of 8-oxo-2'-deoxyguanosine. 2010 , 75, 5661-9	18
157	Investigation of mechanism(s) of DNA damage induced by 4-monochlorobiphenyl (PCB3) metabolites. 2010 , 36, 950-61	15
156	Effects of cryopreservation on human sperm deoxyribonucleic acid integrity. 2010 , 93, 159-66	133
155	Hepatotoxicity of Copper, Iron, Cadmium, and Arsenic. 2010 , 501-526	0
154	Oxidative DNA damage in patients with cataract. 2010 , 88, 891-5	32
153	Micronucleus frequency in lymphocytes and 8-hydroxydeoxyguanosine level in plasma of women with polycystic ovary syndrome. 2010 , 26, 590-5	24
152	Influence of percentage of guanine molecules, OH radicals, UV irradiation and temperature on electrooxidation of short synthetic oligonucleotides. 2011 , 13, 7500-7	6
151	Importance of the C2, N7, and C8 positions to the mutagenic potential of 8-Oxo-2'-deoxyguanosine with two A family polymerases. 2011 , 50, 10713-23	9
150	Therapeutic effect of hesperidin with reference to biotransformation, lysosomal and mitochondrial TCA cycle enzymes against 7,12-dimethylbenz(a)anthracene-induced experimental mammary cellular carcinoma. 2011 , 1, 158-168	14
149	Basic and Clinical Aspects of Sperm Comet Assay. 2011 , 217-232	
148	Combined effects of curcumin and piperine in ameliorating benzo(a)pyrene induced DNA damage. 2011 , 49, 3002-6	30
147	Possible metabolic pathways of ethanol responsible for oxidative DNA damage in human peripheral lymphocytes. 2011 , 35, 1-9	46
146	The role of the dopamine transporter in dopamine-induced DNA damage. 2011 , 21, 237-48	8
145	S-Adenosylhomocysteine enhances DNA damage through increased β -amyloid formation and inhibition of the DNA-repair enzyme OGG1b in microglial BV-2 cells. 2011 , 290, 342-9	15
144	8-Oxoguanine incision activity is impaired in lung tissues of NSCLC patients with the polymorphism of OGG1 and XRCC1 genes. 2011 , 709-710, 21-31	36
143	Poly(ADP-ribose) polymerase-1 is a key mediator of cisplatin-induced kidney inflammation and injury. 2011 , 51, 1774-88	68
142	Effect of sodium and acetate ions on 8-hydroxyguanine formation in irradiated aqueous solutions of DNA and 2'-deoxyguanosine 5'-monophosphate. 2011 , 87, 974-83	2
141	Nutritional antioxidants: A battle for better health. 2011 , 2, 2	9

140	Effects of <i>Sanionia uncinata</i> extracts in protecting against and inducing DNA cleavage by reactive oxygen species. 2011 , 16, 201-7		6
139	The tumor suppressor gene ARF as a sensor of oxidative stress. 2012 , 12, 704-15		18
138	Investigation of oxidative balance in patients with dysmenorrhea by multiple serum markers. 2012 , 13, 233-6		10
137	Biomarkers of exposure to polycyclic aromatic hydrocarbons (PAHs) and DNA damage: a cross-sectional pilot study among roofers in South Florida. <i>BMJ Open</i> , 2012 , 2,	3	18
136	Biochemical investigations into the mutagenic potential of 8-oxo-2'-deoxyguanosine using nucleotide analogues. <i>Chemical Research in Toxicology</i> , 2012 , 25, 2577-88	4	7
135	Polymorphisms of base-excision repair genes hOGG1 326cys and XRCC1 280His increase hepatocellular carcinoma risk. 2012 , 57, 2451-7		35
134	Molecular level toxicological evaluation of a dental composite implanted in albino rats. 2012 , 94, 760-768		3
133	Thermodynamic signature of DNA damage: characterization of DNA with a 5-hydroxy-2'-deoxycytidine/2'-deoxyguanosine base pair. 2012 , 51, 2018-27		4
132	Influence of resveratrol on oxidative damage in genomic DNA and apoptosis induced by cisplatin. 2012 , 741, 22-31		48
131	Modulation of irinotecan-induced genomic DNA damage by theanine. 2012 , 50, 1749-54		11
130	Early ROS-mediated DNA damage and oxidative stress biomarkers in Monoclonal B Lymphocytosis. 2012 , 317, 144-9		21
129	Anticancer system created by acrolein and hydroxyl radical generated in enzymatic oxidation of spermine and other biochemical reactions. 2012 , 79, 522-30		4
128	8-Hydroxy-2'-deoxyguanosine expression predicts hepatocellular carcinoma outcome. 2012 , 3, 338-342		9
127	Molecular hydrogen and radiation protection. 2012 , 46, 1061-7		27
126	Differential genotoxic effects of subchronic exposure to ethyl tertiary butyl ether in the livers of Aldh2 knockout and wild-type mice. <i>Archives of Toxicology</i> , 2012 , 86, 675-82	5.8	10
125	Molecular mechanisms of apoptosis induction by 2-dodecylcyclobutanone, a radiolytic product of palmitic acid, in human lymphoma U937 cells. 2012 , 17, 636-45		9
124	Biomarkers and special features of oxidative stress in the anterior segment of the eye linked to lens cataract and the trabecular meshwork injury in primary open-angle glaucoma: challenges of dual combination therapy with N-acetylcarnosine lubricant eye drops and oral formulation of nonhydrolyzed carnosine. 2012 , 26, 86-117		44
123	Association between the hOGG1 Ser326Cys polymorphism and lung cancer susceptibility: a meta-analysis based on 22,475 subjects. 2013 , 8, 144		27

122	Repeated rearrangements of oligonucleotides immobilized on gold surface caused by UV irradiation in presence of dissolved oxygen. 2013 , 110, 133-138		3
121	Citalopram at the recommended human doses after long-term treatment is genotoxic for male germ cell. 2013 , 53, 281-5		19
120	Mode of action of ethyl tertiary-butyl ether hepatotumorigenicity in the rat: evidence for a role of oxidative stress via activation of CAR, PXR and PPAR signaling pathways. 2013 , 273, 390-400		24
119	Oxidation of DNA followed by conformational change after OH radical attack. 2013 , 85, 355-61		25
118	Oxidative stress in the carcinogenicity of chemical carcinogens. 2013 , 5, 1332-54		27
117	Oxidative Stress and DNA Damage in Human Gastric Carcinoma: 8-Oxo-7'8-dihydro-2'-deoxyguanosine (8-oxo-dG) as a Possible Tumor Marker. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 3467-86	6.3	59
116	Beryllium chloride-induced oxidative DNA damage and alteration in the expression patterns of DNA repair-related genes. 2013 , 28, 555-9		15
115	Hydrogen as a new class of radioprotective agent. 2013 , 9, 887-94		37
114	Accumulation of promutagenic DNA adducts in the mouse distal colon after consumption of heme does not induce colonic neoplasms in the western diet model of spontaneous colorectal cancer. 2014 , 58, 550-8		18
113	Synthesis of 8-halogenated-7-deaza-2'-deoxyguanosine as an 8-oxo-2'-deoxyguanosine analogue and evaluation of its base pairing properties. 2014 , 70, 2040-2047		4
112	Women are more susceptible than men to oxidative stress and chromosome damage caused by polycyclic aromatic hydrocarbons exposure. 2014 , 55, 472-81		46
111	Protective effects of melatonin in reducing oxidative stress and in preserving the fluidity of biological membranes: a review. 2014 , 56, 225-37		311
110	DNA damage in human lymphocytes exposed to four food additives in vitro. 2014 , 30, 926-37		26
109	Interrelationships among genetic C677T polymorphism of 5,10-methylenetetrahydrofolate reductase, biochemical folate status, and lymphocytic p53 oxidative damage in association with tumor malignancy and survivals of patients with hepatocellular carcinoma. 2014 , 58, 329-42		9
108	Evaluation of chromosomal damage, cytostasis, cytotoxicity, oxidative DNA damage and their association with body-mass index in obese subjects. 2014 , 771, 30-6		44
107	Association between OGG1 Ser326Cys and APEX1 Asp148Glu polymorphisms and breast cancer risk: a meta-analysis. 2014 , 9, 108		15
106	Increased genome instability and oxidative DNA damage and their association with IGF-1 levels in patients with active acromegaly. 2014 , 24, 29-34		25
105	Impact of bacterial infections on aging and cancer: impairment of DNA repair and mitochondrial function of host cells. 2014 , 56, 164-74		9

104	DNA damage in children with obstructive adenotonsillar hypertrophy. 2014 , 25, 2156-9		2
103	Recognition and excision properties of 8-halogenated-7-deaza-2'-deoxyguanosine as 8-oxo-2'-deoxyguanosine analogues and Fpg and hOGG1 inhibitors. <i>ChemBioChem</i> , 2015 , 16, 1190-8	3.8	5
102	Breast Cancer Molecular Subtypes and Oxidative DNA Damage. 2015 , 23, 696-703		10
101	The hOGG1 Ser326Cys polymorphism contributes to digestive system cancer susceptibility: evidence from 48 case-control studies. 2015 , 36, 1029-38		12
100	Synthesis and Photooxygenation of Linear and Angular Furocoumarin Derivatives as a Hydroxyl Radical Source: Psoralen, Pseudopsoralen, Isopseudopsoralen, and Allopsoralen. 2015 , 52, 506-512		6
99	Non-Invasive Sperm Selection for In Vitro Fertilization. 2015 ,		3
98	Novel Sperm Tests and Their Importance. 2015 , 23-40		2
97	Higher levels of oxidative DNA damage in cervical cells are correlated with the grade of dysplasia and HPV infection. <i>Journal of Medical Virology</i> , 2016 , 88, 336-44	19.7	24
96	Cancer, Oxidative Stress, and Metastasis. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2016 , 81, 163-175	3.9	136
95	Ginger extract protects rat's kidneys against oxidative damage after chronic ethanol administration. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 698-704	7.5	19
94	Short-term markers of DNA damage among roofers who work with hot asphalt. <i>Environmental Health</i> , 2016 , 15, 99	6	6
93	Increased micronucleus, nucleoplasmic bridge, nuclear bud frequency and oxidative DNA damage associated with prolactin levels and pituitary adenoma diameters in patients with prolactinoma. <i>Biotechnic and Histochemistry</i> , 2016 , 91, 128-36	1.8	13
92	Effect of inhaled N-acetylcysteine monotherapy on lung function and redox balance in idiopathic pulmonary fibrosis. <i>Respiratory Investigation</i> , 2016 , 54, 170-8	3.4	23
91	Impact of dexrazoxane on doxorubicin-induced aneuploidy in somatic and germinal cells of male mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2016 , 77, 27-33	3.5	9
90	Antioxidant nutrients in plasma of Japanese patients with chronic obstructive pulmonary disease, asthma-COPD overlap syndrome and bronchial asthma. <i>Clinical Respiratory Journal</i> , 2017 , 11, 915-924	1.7	20
89	Reduced expression of the DNA glycosylase gene MUTYH is associated with an increased number of somatic mutations via a reduction in the DNA repair capacity in prostate adenocarcinoma. <i>Molecular Carcinogenesis</i> , 2017 , 56, 781-788	5	6
88	Role of Choline in the Modulation of Degenerative Processes: In Vivo and In Vitro Studies. <i>Journal of Medicinal Food</i> , 2017 , 20, 223-234	2.8	3
87	Improvement of in vitro-produced bovine embryo treated with coagulansin-A under heat-stressed condition. <i>Reproduction</i> , 2017 , 153, 421-431	3.8	18

86	Polydatin improves the developmental competence of bovine embryos in vitro via induction of sirtuin 1 (Sirt1). <i>Reproduction, Fertility and Development</i> , 2017 , 29, 2011-2020	1.8	18
85	Antioxidant and DNA protective effects of NTX, a proprietary glycyrrhizin/d-mannitol product, in association with alcohol consumption: A randomized, placebo-controlled, double-blind, crossover study. <i>Journal of Functional Foods</i> , 2017 , 34, 28-35	5.1	2
84	Amelioration of serum 8-OHdG level by enzyme replacement therapy in patients with Fabry cardiomyopathy. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 486, 293-299	3.4	10
83	One-year follow-up of clinical, metabolic and oxidative stress profile of morbid obese patients after laparoscopic sleeve gastrectomy. 8-oxo-dG as a clinical marker. <i>Redox Biology</i> , 2017 , 12, 389-402	11.3	37
82	Supplementation of lycopene in maturation media improves bovine embryo quality in vitro. <i>Theriogenology</i> , 2017 , 103, 173-184	2.8	17
81	Formation and Biological Targets of Quinones: Cytotoxic versus Cytoprotective Effects. <i>Chemical Research in Toxicology</i> , 2017 , 30, 13-37	4	180
80	Lupeol supplementation improves the developmental competence of bovine embryos in vitro. <i>Theriogenology</i> , 2018 , 107, 203-210	2.8	11
79	Antioxidants for Health and Longevity. 2018 , 323-341		
78	Oxidative stress and DNA damage in a long-term hexavalent chromium-exposed population in North China: a cross-sectional study. <i>BMJ Open</i> , 2018 , 8, e021470	3	18
77	Molecular Basis and Emerging Strategies for Anti-aging Interventions. 2018 ,		1
76	Clinical significance of serum total oxidant/antioxidant status in patients with operable and advanced gastric cancer. <i>OncoTargets and Therapy</i> , 2018 , 11, 6767-6775	4.4	6
75	Hepatotoxicity of Copper, Iron, Cadmium, and Arsenic. 2018 , 575-596		
74	Significance of preoperative ischemia- modified albumin in operable and advanced gastric cancer. <i>Cancer Biomarkers</i> , 2018 , 22, 477-485	3.8	6
73	In vitro evaluation of fruit extracts of <i>Annona stenophylla</i> diels and <i>Flacourtia indica</i> for incorporation into formulations for management of cancer. <i>Journal of Medicinal Plants Research</i> , 2019 , 13, 242-251	0.6	
72	A New Approach for the Prevention and Treatment of Cardiovascular Disorders. Molecular Hydrogen Significantly Reduces the Effects of Oxidative Stress. <i>Molecules</i> , 2019 , 24,	4.8	63
71	Decreased 8-oxoguanine DNA glycosylase 1 (hOGG1) expression and DNA oxidation damage induced by Cr (VI). <i>Chemico-Biological Interactions</i> , 2019 , 299, 44-51	5	16
70	Role of nitric oxide in the response to photooxidative stress in prostate cancer cells. <i>Biochemical Pharmacology</i> , 2020 , 182, 114205	6	2
69	Oxidative Stress Markers and the Retinopathy of Prematurity. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	12

68	The importance of Ile716 toward the mutagenicity of 8-Oxo-2'-deoxyguanosine with Bacillus fragment DNA polymerase. <i>DNA Repair</i> , 2020 , 89, 102826	4.3	0
67	Molecular Hydrogen as a Potential Clinically Applicable Radioprotective Agent. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	9
66	Molecular Hydrogen as a Novel Antitumor Agent: Possible Mechanisms Underlying Gene Expression. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
65	Cobalt-induced oxidative stress contributes to alveolar/bronchiolar carcinogenesis in B6C3F1/N mice. <i>Archives of Toxicology</i> , 2021 , 95, 3171-3190	5.8	1
64	Quinoids as reactive intermediates in estrogen carcinogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2001 , 500, 497-507	3.6	9
63	In Vivo Detection of Oxygen Free Radical Species. 1993 , 93-104		1
62	Mechanisms of Fibre Genotoxicity. 1991 , 287-307		3
61	Genetic instability and tumor cell variation. 1998 , 179-234		1
60	Radio Protective Effect of Melatonin: MINIREVIEW. 2007 , 2192-2194		1
59	Antioxidanzien - Bedeutung bei Karzinogenese und Hautalterung. <i>Fortschritte Der Praktischen Dermatologie Und Venerologie</i> , 2001 , 46-54		0
58	Reactive Intermediates. <i>Handbook of Experimental Pharmacology</i> , 1997 , 453-518	3.2	15
57	Role of Active Oxygen Species in Metal-Induced DNA Damage. <i>Handbook of Experimental Pharmacology</i> , 1995 , 349-371	3.2	4
56	DNA DAMAGE AND REPAIR. 1991 , 175-180		1
55	Methods for the Detection and Measurement of Reactive Radical Species in vivo and in vitro. 1995 , 1-21		5
54	DNA Damage by Free Radicals: Carcinogenic Implications. 1995 , 199-214		5
53	Oxidative DNA damage in exercise. 2000 , 195-217		12
52	Redox ribonucleosides. Isolation and characterization of 5-hydroxyuridine, 8-hydroxyguanosine, and 8-hydroxyadenosine from Torula yeast RNA.. <i>Journal of Biological Chemistry</i> , 1992 , 267, 13320-13326	5.4	101
51	Identification of C8-methylguanine in the hydrolysates of DNA from rats administered 1,2-dimethylhydrazine. Evidence for in vivo DNA alkylation by methyl radicals.. <i>Journal of Biological Chemistry</i> , 1992 , 267, 21524-21527	5.4	25

50	8-Hydroxydeoxyguanosine formation at the 5' site of 5'-GG-3' sequences in double-stranded DNA by UV radiation with riboflavin. <i>Journal of Biological Chemistry</i> , 1993 , 268, 13221-13227	5.4	251
49	Antioxidative effects of melatonin in protection against cellular damage caused by ionizing radiation. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000 , 225, 9-22		243
48	Antioxidative Effects of Melatonin in Protection Against Cellular Damage Caused by Ionizing Radiation. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000 , 225, 9-22		9
47	Mechanisms of Action of Chemical Carcinogens and Their Role in Structure-Activity Relationships (SAR) Analysis and Risk Assessment 2. 2003 ,		1
46	Experimental Models of Environmental Tobacco Smoke Exposure. 2000 , 215-277		2
45	Reactive Oxygen/Nitrogen Species. <i>Lung Biology in Health and Disease</i> , 2004 , 1-34		1
44	What can surrogate tissues tell us about the oxidative stress status of the prostate? A hypothesis-generating in-vivo study. <i>PLoS ONE</i> , 2010 , 5, e15880	3.7	5
43	Photoionization of DNA and RNA bases, nucleosides and nucleotides through a combination of one- and two-photon pathways upon 266 nm nanosecond laser excitation. <i>Photochemistry and Photobiology</i> , 2002 , 76, 259-67	3.6	20
42	Effect of human OGG1 1245C-->G gene polymorphism on 8-hydroxy-2'-deoxyguanosine levels of leukocyte DNA among patients undergoing chronic hemodialysis. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 2338-2347	12.7	33
41	Human 8-oxoguanine DNA glycosylase gene polymorphism (Ser326Cys) and cancer risk: updated meta-analysis. <i>Oncotarget</i> , 2017 , 8, 44761-44775	3.3	10
40	Dietary phytate lowers - mutational frequency, decreases DNA-adduct and hydroxyl radical formation in azoxymethane-induced colon cancer. <i>Iranian Journal of Basic Medical Sciences</i> , 2020 , 23, 20-29	1.8	3
39	Oxidative damage, pro-inflammatory cytokines, TGF-alpha and c-myc in chronic HCV-related hepatitis and cirrhosis. <i>World Journal of Gastroenterology</i> , 2006 , 12, 2065-9	5.6	27
38	Mutations in XRCC1 Gene Alters the Genetic Risks of Head and Neck Cancer Patients. <i>International Journal of Cancer Research</i> , 2009 , 5, 58-68	0.2	5
37	[Effects of the exposure to polycyclic aromatic hydrocarbons or toluene on thiobarbituric acid reactive substance level in elementary school children and the elderly in a rural area]. <i>Journal of Preventive Medicine and Public Health</i> , 2008 , 41, 61-7	3.7	4
36	Prevention of hepatocellular carcinoma: Focusing on antioxidant therapy. <i>World Journal of Hepatology</i> , 2015 , 7, 593-9	3.4	13
35	References. 2000 ,		
34	Bibliography. 2000 , 173-185		
33	Promotion Effect of a Choline-deficient L-amino Acid-defined (CDAA) Diet on Hepatocellular Foci Formation Initiated by Diethylnitrosamine in Fischer 344 Rats. <i>Journal of Toxicologic Pathology</i> , 2001 , 14, 105-105	1.4	

- 32 Role of Oxidative Stress in Chemical Carcinogenesis. **2001**,
- 31 DNA adducts as biomarkers of DNA damage in lung cancer. **2002**,
- 30 Measuring oxidative damage caused by environmental stressors. **2002**,
- 29 Carcinogenicity of dimethylarsinic acid and relevant mechanisms. **2003**, 211-222
- 28 Current aspects on the genotoxicity of arsenite and its methylated metabolites: Oxidative stress and interactions with the cellular response to DNA damage. **2004**, 221-233
- 27 The Roles of Human-Inducible Nitric Oxide Synthase and Xanthine Oxidase in Regulating Chronic Inflammation in Radicular Cysts. *International Journal of Oral-Medical Sciences*, **2005**, 3, 149-158 0.2
- 26 Dietary Anti- and Prooxidants. *Chemical and Functional Properties of Food Components Series*, **2005**,
- 25 Oxidative DNA Damage and Carcinogenesis. **2007**, 153-166
- 24 Evaluation of Protective Effects of *Houttuynia cordata* on H₂O₂-Induced Oxidative DNA Damage Using an Alkaline Comet Assay in Human HepG2 Cells. *Toxicological Research*, **2007**, 23, 25-31 3.7 1
- 23 Biological Indicators of Lifestyle-related Diseases and Urinary 8-Hydroxydeoxyguanosine Level. *Asian Pacific Journal of Disease Management*, **2009**, 3, 99-106 0
- 22 Basic and Clinical Aspects of Sperm Comet Assay. **2013**, 341-362
- 21 Lung Cancer Prevention. **2014**, 409-444
- 20 Free Radical Metabolism and DNA Damage by Organic Peroxide Tumor Promoters. **1993**, 409-413
- 19 DNA Damage by Free Radicals. Mechanism, Meaning and Measurement. **1994**, 31-61
- 18 Estimation Of Free Radical Induced DNA Base Damages in Cancerous- and HIV Infected Patients and in Healthy Subjects. **1999**, 353-369
- 17 Detection of 8-Hydroxy-2'-Deoxyguanosine by a Monoclonal Antibody N45.1 and its Application. **1999**, 395-405
- 16 Health Effect Assessment on Cleanup Workers of an Oil Spill in Yeosu. *Korean Journal of Environmental Health Sciences*, **2016**, 42, 385-395
- 15 Role of RKIP in the tumor response to photooxidative damage. **2020**, 77-93 1

14	8-Hydroxy-2'-deoxyguanosine in cervical cells: correlation with grade of dysplasia and human papillomavirus infection. <i>Carcinogenesis</i> , 2000 , 21, 1143-1147	4.6	
13	Lung Cancer Prevention. 2005 , 223-254		
12	Oxidative Stress. 2008 , 31-48		
11	Oxidative Damage of Genome DNA: Repair Mechanisms. 2008 , 49-62		
10	A Drosophila ribosomal protein contains 8-oxoguanine and abasic site DNA repair activities. <i>EMBO Journal</i> , 1996 , 15, 2306-12	13	28
9	Involvement of oxidatively damaged DNA and repair in cancer development and aging. <i>American Journal of Translational Research (discontinued)</i> , 2010 , 2, 254-84	3	63
8	Association of hOGG1 Ser326Cys polymorphism with susceptibility to hepatocellular carcinoma. <i>International Journal of Clinical and Experimental Medicine</i> , 2015 , 8, 8977-85		3
7	Oxidative stress in cancer therapy: Friend or enemy?. <i>ChemBioChem</i> , 2022 ,	3.8	2
6	Advances in the Toxicological Studies of Atmospheric Particulate Matter. 2022 , 227-253		
5	Expert Recommendations on the Evaluation of Sunscreen Efficacy and the Beneficial Role of Non-filtering Ingredients.. <i>Frontiers in Medicine</i> , 2022 , 9, 790207	4.9	1
4	Biological nanopore approach for single-molecule analysis of nucleobase modifications. <i>Electrochemical Science Advances</i> ,		
3	Urinary malondialdehyde and 8-hydroxydeoxyguanosine as potential markers of oxidative stress in industrial art glass workers. <i>International Archives of Occupational and Environmental Health</i> , 1996 , 69, 5-13	3.2	
2	Microcystin-LR in Primary Liver Cancers: An Overview. 2022 , 14, 715		1
1	Effects of oxygen on the response of mitochondria to X-irradiation and reactive oxygen species-mediated fibroblast activation. 1-10		1