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## Oxidative DNA damage: mechanisms, mutation, and disease

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#	Paper	IF	Citations
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2276	Stress induction and mitochondrial localization of Oxr1 proteins in yeast and humans. <b>2004</b> , 24, 3180-7		73
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2273	Spontaneous DNA damage in <i>Saccharomyces cerevisiae</i> elicits phenotypic properties similar to cancer cells. <b>2004</b> , 279, 22585-94	54
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2269	Genoprotective pathways. Part I. Extracellular signaling through G(s) protein-coupled adenosine receptors prevents oxidative DNA damage. <b>2004</b> , 546, 93-102	9
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2265	Inhibition of free radical initiated peroxidation of human erythrocyte ghosts by flavonols and their glycosides. <b>2004</b> , 2, 1419-23	37
2264	Oxidative damages in chronic inflammation of a mouse autoimmune disease model. <b>2004</b> , 95, 233-6	6
2263	Genetic analysis of cardiac-specific transcription factors reveals insights into congenital heart disease. <b>2004</b> , 152, 1183-1188	1
2262	Factors contributing to the outcome of oxidative damage to nucleic acids. <b>2004</b> , 26, 533-42	199
2261	Strictinin as an efficient antioxidant in lipid peroxidation. <b>2004</b> , 131, 15-25	18
2260	The semi-quantitative comparison of oxidative stress mediated DNA single and double strand breaks using terminal deoxynucleotidyl transferase mediated end labeling combined with a slot blot technique. <b>2004</b> , 38, 481-5	1
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2244	Use of biomarkers of oxidative stress in research studies. <b>2004</b> , 134, 3188S-3189S	46
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2242	Mitochondrial DNA and aging. <b>2004</b> , 107, 355-64	105
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2235	Antioxidant levels in peripheral blood, disease activity and fibrotic stage in chronic hepatitis C. <b>2005</b> , 25, 518-26	11
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2233	Oxidative damage to nuclear DNA in streptozotocin-diabetic rat liver. <b>2005</b> , 32, 663-6	18
2232	Fluorescence probes used for detection of reactive oxygen species. <b>2005</b> , 65, 45-80	1266
2231	Hyperplasia, reduced E-cadherin expression, and developmental arrest in mammary glands oxidatively stressed by loss of mitochondrial superoxide dismutase. <b>2005</b> , 14, 256-63	12
2230	Evidence for alpha-tocopherol regeneration reaction of green tea polyphenols in SDS micelles. <b>2005</b> , 38, 78-84	141
2229	Overexpression of AP endonuclease protects Leishmania major cells against methotrexate induced DNA fragmentation and hydrogen peroxide. <b>2005</b> , 141, 191-7	19
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2209	Influence of cocoa flavanols and procyanidins on free radical-induced human erythrocyte hemolysis. <b>2005</b> , 12, 27-34		41
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2206	Extracellular 8-oxo-dG as a sensitive parameter for oxidative stress in vivo and in vitro. <b>2005</b> , 39, 153-62		96
2205	Age-related changes of mitochondrial DNA content and mitochondrial genotypic and phenotypic alterations in rat hind-limb skeletal muscles. <b>2005</b> , 60, 715-23		29
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2203	Cellular and molecular targets of protein S-glutathiolation. <b>2005</b> , 7, 940-50		48

2202	New hemiketal steroid from the soft coral <i>Cladiella</i> sp. <b>2005</b> , 7, 991-4	27
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2197	Human mitochondrial peroxiredoxin 5 protects from mitochondrial DNA damages induced by hydrogen peroxide. <b>2005</b> , 579, 2327-33	109
2196	Carcinogenic potential of ovulatory genotoxicity. <b>2005</b> , 73, 586-90	33
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2194	Mechanisms of formation, genotoxicity, and mutation of guanine oxidation products. <b>2006</b> , 19, 491-505	387
2193	Time and concentration dependence of Fenton-induced oxidation of dG. <b>2006</b> , 25, 259-78	3
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2179	Oxidative Damage to DNA and Its Repair. <b>2006</b> , 253-279	2
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2173	Human 8-oxoguanine DNA glycosylase increases resistance to hyperoxic cytotoxicity in lung epithelial cells and involvement with altered MAPK activity. <b>2006</b> , 13, 311-23	46
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2171	Association of mitochondrial DNA transversion mutations with familial medullary thyroid carcinoma/multiple endocrine neoplasia type 2 syndrome. <b>2006</b> , 25, 677-84	28
2170	Novel 2-substituted nitronyl nitroxides as free radical scavengers: synthesis, biological evaluation and structure-activity relationship. <b>2006</b> , 14, 5711-20	32
2169	Polyhydroxylated 4-thiaflavans as multipotent antioxidants: protective effect on oxidative DNA damage in vitro. <b>2006</b> , 16, 1957-60	24
2168	Detection of structural disorders in pancreatic tumour DNA with Fourier-transform infrared spectroscopy. <b>2006</b> , 40, 33-39	15
2167	RNA damage and surveillance under oxidative stress. <b>2006</b> , 58, 581-8	127



2166	Deficiency in OGG1 protects against inflammation and mutagenic effects associated with <i>H. pylori</i> infection in mouse. <b>2006</b> , 11, 494-505	57
2165	Collisionally activated dissociation of protonated 2'-deoxycytidine, 2'-deoxyuridine, and their oxidatively damaged derivatives. <b>2006</b> , 17, 1335-1341	32
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2162	Energy, quiescence and the cellular basis of animal life spans. <b>2006</b> , 143, 12-23	32
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2158	Macromolecular oxidation in anisotonic suspensions of mouse spleen cells. <b>2006</b> , 24, 201-7	
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2153	Proteins as Sensitive Biomarkers of Human Conditions Associated with Oxidative Stress. <b>2006</b> , 485-525	2
2152	Genetic effects of oxidative DNA damages: comparative mutagenesis of the imidazole ring-opened formamidopyrimidines (Fapy lesions) and 8-oxo-purines in simian kidney cells. <b>2006</b> , 34, 2305-15	116
2151	Formation of isodialuric acid lesion within DNA oligomers via one-electron oxidation of 5-hydroxyuracil: characterization, stability and excision repair. <b>2006</b> , 34, 3660-9	15
2150	Intra- and inter-individual variability in measurements of biomarkers for oxidative damage in vivo: Nutrition and Breast Health Study. <b>2006</b> , 11, 143-52	20
2149	Involvement of p38 MAPK and Nrf2 in phenolic acid-induced P-form phenol sulfotransferase expression in human hepatoma HepG2 cells. <b>2006</b> , 27, 1008-17	37

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2145	Evidence for attenuated cellular 8-oxo-7,8-dihydro-2'-deoxyguanosine removal in cancer patients. <b>2006</b> , 387, 393-400		15
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2142	DNA oxidation in Alzheimer's disease. <b>2006</b> , 8, 2039-45		116
2141	Enhanced tumorigenesis in p53 knockout mice exposed in utero to high-dose vitamin E. <b>2006</b> , 27, 1358-68		14
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2138	Effect of olive oils on biomarkers of oxidative DNA stress in Northern and Southern Europeans. <i>FASEB Journal</i> , <b>2007</b> , 21, 45-52	0.9	115
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2136	The instability of (GpT) <sub>n</sub> and (ApC) <sub>n</sub> microsatellites induced by formaldehyde in <i>Escherichia coli</i> . <b>2007</b> , 22, 353-7		
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2132	Retinal degeneration and ionizing radiation hypersensitivity in a mouse model for Cockayne syndrome. <b>2007</b> , 27, 1433-41		62
2131	Acceleration to death from liver cancer in people with hepatitis B viral mutations detected in plasma by mass spectrometry. <b>2007</b> , 16, 1213-8		16

2130	Antioxidative and Hepatoprotective Effects of Spirulina. <b>2007</b> , 119-151	1
2129	Treatment with lithium, alone or in combination with olanzapine, relieves oxidative stress but increases atherogenic lipids in bipolar disorder. <b>2007</b> , 213, 79-87	27
2128	RNA in brain disease: no longer just "the messenger in the middle". <b>2007</b> , 66, 461-8	89
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2125	DNA damage reduces Taq DNA polymerase fidelity and PCR amplification efficiency. <b>2007</b> , 355, 431-7	69
2124	Toxicity of luminescent silica nanoparticles to living cells. <b>2007</b> , 20, 1126-33	233
2123	Oxidative Damage to Nucleic Acids. <b>2007</b> ,	5
2122	Mitochondria. <b>2007</b> ,	4
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2117	Inhibition of gap junctional intercellular communication and activation of mitogen-activated protein kinase by tumor-promoting organic peroxides and protection by resveratrol. <b>2007</b> , 57, 38-47	37
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2111	Mutation and citrullination modifies vimentin to a novel autoantigen for rheumatoid arthritis. <b>2007</b> , 56, 2503-11	207
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2109	Studies on logP, retention time and QSAR of 2-substituted phenylnitronyl nitroxides as free radical scavengers. <b>2007</b> , 42, 955-65	23
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2091	Urinary 8-hydroxydeoxyguanosine is elevated in patients with nephrolithiasis. <b>2007</b> , 35, 185-91	63
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2089	Urinary biomarker of oxidative stress correlating with outcome in critically septic patients. <b>2007</b> , 33, 1468-72	5
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2087	Free radical-induced chitosan depolymerized products protect calf thymus DNA from oxidative damage. <b>2007</b> , 342, 190-5	51
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1897	Protective effect of aqueous extract from <i>Spirulina platensis</i> against cell death induced by free radicals. <b>2010</b> , 10, 53	98

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1876	Assessment of DNA damage during in vitro development of buffalo ( <i>Bubalus bubalis</i> ) embryos: effect of cysteamine. <b>2010</b> , 45, 1118-21	6
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1299	Mitochondrial DNA: Radically free of free-radical driven mutations. <b>2015, 1847, 1354-61</b>	33
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1258	A tutorial on oxidative stress and redox signaling with application to exercise and sedentariness. <b>2015</b> , 1, 3	11
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1198	Oxidative stress, unfolded protein response, and apoptosis in developmental toxicity. <b>2015, 317, 1-66</b>	45
1197	Fourier-transform-infrared-spectroscopy based spectral-biomarker selection towards optimum diagnostic differentiation of oral leukoplakia and cancer. <b>2015, 407, 7935-43</b>	30
1196	Cholinesterase of rats experimentally infected by <i>Cryptococcus neoformans</i> : Relationship between inflammatory response and pathological findings. <b>2015, 211, 851-7</b>	3
1195	DNA excision repair at telomeres. <b>2015, 36, 137-145</b>	30

1194	140 Attacking mechanism of H and OH radicals to DNA base pair: DFT calculations in water. <b>2015</b> , 33, 91-92	
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1192	Urinary biomarkers of exposure and of oxidative damage in children exposed to low airborne concentrations of benzene. <b>2015</b> , 142, 264-72	25
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1188	Genome-wide Reconstruction of OxyR and SoxRS Transcriptional Regulatory Networks under Oxidative Stress in <i>Escherichia coli</i> K-12 MG1655. <b>2015</b> , 12, 1289-99	92
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1174	SERS Nanoparticles in Medicine: From Label-Free Detection to Spectroscopic Tagging. <b>2015</b> , 115, 10489-529	576
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1137	Mitochondrial DNA mitochondrial dysfunction and cardiac manifestations. <b>2016</b> , 21, 1410-1426	3
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1117	Advanced Image Acquisition and Analytical Techniques for Studies of Living Cells and Tissue Sections. <b>2016</b> , 22, 326-41	4
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1087	Isotetrandrine ameliorates tert-butyl hydroperoxide-induced oxidative stress through upregulation of heme oxygenase-1 expression. <b>2016</b> , 241, 1568-76	6

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1068	Hydrogen Peroxide Resistance in Bifidobacterium Animalis Subsp. Lactis and Bifidobacterium Longum. <b>2016</b> , 638-646	0
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962	Alarmins: Feel the Stress. <b>2017</b> , 198, 1395-1402	110
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569	Molecular Mechanisms of Arsenic-Induced Disruption of DNA Repair. <b>2020</b> , 33, 709-726	38
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566	Genome remodeling upon mesenchymal tumor cell fusion contributes to tumor progression and metastatic spread. <b>2020</b> , 39, 4198-4211	11
565	Fundamentals and Applications of Photo-Cross-Linking in Bioprinting. <b>2020</b> , 120, 10662-10694	105

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563	Solar ultraviolet-induced DNA damage response: Melanocytes story in transformation to environmental melanomagenesis. <b>2020</b> , 61, 736-751	9
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561	DNA damage and DNA protection from digested raw and griddled green pepper (poly)phenols in human colorectal adenocarcinoma cells (HT-29). <b>2021</b> , 60, 677-689	3
560	Ferulic acid extracted from rice bran as a growth promoter for the microalga <i>Nannochloropsis oculata</i> . <b>2021</b> , 33, 37-45	2
559	Synergistic effect of curcumin and chitosan nanoparticles on nano-hydroxyapatite-induced reproductive toxicity in rats. <b>2021</b> , 28, 9362-9376	2
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533	Aging of the sensory systems: hearing and vision disorders. <b>2021</b> , 297-321	1
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531	Mutability of mononucleotide repeats, not oxidative stress, explains the discrepancy between laboratory-accumulated mutations and the natural allele-frequency spectrum in <i>C. elegans</i> .	0
530	Intra and extracellular effects of benzo [a]pyrene on liver, gill and blood of Caspian White fish ( <i>Rutilus frissi kutum</i> ): Cyto-genotoxicity and histopathology approach. <b>2021</b> , 163, 111942	10
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493	The Health Impacts of Hazardous Chemical Exposures among Child Labourers in Low- and Middle-Income Countries. <b>2021</b> , 18,	3

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475	Oxidative stress in oocyte aging and female reproduction. <b>2021</b> ,	16

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435	Propagation of Mitochondria-Derived Reactive Oxygen Species within the Cells. <b>2021</b> , 10,	4
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407	Analysis of the oxidative stress regulon identifies SoxS as a genetic target for resistance reversal in multi-drug resistant <i>Klebsiella pneumoniae</i> .	2
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