Mark D Evans

List of Publications by Citations

71 papers	6,243 citations	34 h-index	79 g-index
91 ext. papers	6,781 ext. citations	4.9 avg, IF	5.62 L-index

#	Paper	IF	Citations
71	Oxidative DNA damage: mechanisms, mutation, and disease. *FASEB Journal*, **2003**, 17, 1195-214	0.9	2205
70	Oxidative DNA damage and disease: induction, repair and significance. *Mutation Research - Reviews in Mutation Research*, **2004**, 567, 1-61	7	930
69	Factors contributing to the outcome of oxidative damage to nucleic acids. *BioEssays*, **2004**, 26, 533-42	4.1	199
68	Does measurement of oxidative damage to DNA have clinical significance?. *Clinica Chimica Acta*, **2006**, 365, 30-49	6.2	186
67	Comparative analysis of baseline 8-oxo-7,8-dihydroguanine in mammalian cell DNA, by different methods in different laboratories: an approach to consensus. *Carcinogenesis*, **2002**, 23, 2129-33	4.6	164
66	Urinary 8-oxo-2∀deoxyguanosine--source, significance and supplements. *Free Radical Research*, **2000**, 32, 381-97	4	157
65	DNA repair is responsible for the presence of oxidatively damaged DNA lesions in urine. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2005**, 574, 58-66	3.3	142
64	Novel repair action of vitamin C upon in vivo oxidative DNA damage. *FEBS Letters*, **1998**, 439, 363-7	3.8	122
63	Toward consensus in the analysis of urinary 8-oxo-7,8-dihydro-2∀deoxyguanosine as a noninvasive biomarker of oxidative stress. *FASEB Journal*, **2010**, 24, 1249-60	0.9	108
62	Human and methodological sources of variability in the measurement of urinary 8-oxo-7,8-dihydro-2∀deoxyguanosine. *Antioxidants and Redox Signaling*, **2013**, 18, 2377-91	8.4	107
61	Plasma levels of the endocannabinoid anandamide in women--a potential role in pregnancy maintenance and labor?. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 5482-7	5.6	103
60	Comparison of different methods of measuring 8-oxoguanine as a marker of oxidative DNA damage. ESCODD (European Standards Committee on Oxidative DNA Damage). *Free Radical Research*, **2000**, 32, 333-41	4	101
59	Biologically relevant oxidants and terminology, classification and nomenclature of oxidatively generated damage to nucleobases and 2-deoxyribose in nucleic acids. *Free Radical Research*, **2012**, 46, 367-81	4	97
58	Urinary 8-oxo-2∀deoxyguanosine: redox regulation of DNA repair in vivo?. *Free Radical Biology and Medicine*, **2002**, 33, 875-85	7.8	80
57	Progress in the analysis of urinary oxidative DNA damage. *Free Radical Biology and Medicine*, **2002**, 33, 1601-14	7.8	72
56	DNA repair and the origins of urinary oxidized 2∀deoxyribonucleosides. *Mutagenesis*, **2010**, 25, 433-42	2.8	69
55	Early neuronal accumulation of DNA double strand breaks in Alzheimer∀s disease. *Acta Neuropathologica Communications*, **2019**, 7, 77	7.3	68

54	Evaluation of enzyme-linked immunosorbent assay and liquid chromatography-tandem mass spectrometry methodology for the analysis of 8-oxo-7,8-dihydro-2¥deoxyguanosine in saliva and urine. *Free Radical Biology and Medicine*, **2006**, 41, 1829-36	7.8	68
53	Plasma anandamide concentration and pregnancy outcome in women with threatened miscarriage. *JAMA - Journal of the American Medical Association*, **2008**, 299, 1135-6	27.4	63
52	First-trimester increase in oxidative stress and risk of small-for-gestational-age fetus. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2009**, 116, 637-42	3.7	57
51	Simplified method for the collection, storage, and comet assay analysis of DNA damage in whole blood. *Free Radical Biology and Medicine*, **2011**, 51, 719-25	7.8	56
50	Aberrant processing of oxidative DNA damage in systemic lupus erythematosus. *Biochemical and Biophysical Research Communications*, **2000**, 273, 894-8	3.4	53
49	A comparison of the free radical chemistry of tobacco-burning cigarettes and cigarettes that only heat tobacco. *Free Radical Biology and Medicine*, **1990**, 8, 275-9	7.8	52
48	Recommendations for standardized description of and nomenclature concerning oxidatively damaged nucleobases in DNA. *Chemical Research in Toxicology*, **2010**, 23, 705-7	4	51
47	ESCODD: European Standards Committee on Oxidative DNA Damage. *Free Radical Research*, **1998**, 29, 601-8	4	51
46	Rapid measurement of 8-oxo-7,8-dihydro-2¥deoxyguanosine in human biological matrices using ultra-high-performance liquid chromatography-tandem mass spectrometry. *Free Radical Biology and Medicine*, **2012**, 52, 2057-63	7.8	45
45	Combination of azathioprine and UVA irradiation is a major source of cellular 8-oxo-7,8-dihydro-2¥deoxyguanosine. *DNA Repair*, **2008**, 7, 1982-9	4.3	44
44	Sources of extracellular, oxidatively-modified DNA lesions: implications for their measurement in urine. *Journal of Clinical Biochemistry and Nutrition*, **2009**, 45, 255-70	3.1	44
43	Induction and excretion of ultraviolet-induced 8-oxo-2¥deoxyguanosine and thymine dimers in vivo: implications for PUVA. *Journal of Investigative Dermatology*, **2001**, 116, 281-5	4.3	44
42	Analysis of urinary 8-oxo-7,8-dihydro-purine-2¥deoxyribonucleosides by LC-MS/MS and improved ELISA. *Free Radical Research*, **2008**, 42, 831-40	4	42
41	Immunochemical detection of UV-induced DNA damage and repair. *Journal of Immunological Methods*, **2003**, 280, 125-33	2.5	41
40	A novel HPLC procedure for the analysis of 8-oxoguanine in DNA. *Free Radical Biology and Medicine*, **1996**, 20, 467-72	7.8	41
39	Simultaneous measurement of 8-oxo-2¥deoxyguanosine and 8-oxo-2¥deoxyadenosine by HPLC-MS/MS. *Biochemical and Biophysical Research Communications*, **2000**, 277, 764-70	3.4	37
38	Discrepancies in the measurement of UVC-induced 8-oxo-2¥deoxyguanosine: implications for the analysis of oxidative DNA damage. *Biochemical and Biophysical Research Communications*, **1999**, 259, 374-8	3.4	34
37	Interlaboratory comparison of methodologies for the measurement of urinary 8-oxo-7,8-dihydro-2¥deoxyguanosine. *Biomarkers*, **2009**, 14, 103-10	2.6	33

36	Comparison of results from different laboratories in measuring 8-oxo-2∀deoxyguanosine in synthetic oligonucleotides. *Free Radical Research*, **2002**, 36, 649-59	4	33
35	Role of dietary antioxidants in the prevention of in vivo oxidative DNA damage. *Nutrition Research Reviews*, **2002**, 15, 19-42	7	29
34	Detection of purine lesions in cellular DNA using single cell gel electrophoresis with Fpg protein. *Biochemical Society Transactions*, **1995**, 23, 434S	5.1	29
33	Damage to human alpha-1-proteinase inhibitor by aqueous cigarette tar extracts and the formation of methionine sulfoxide. *Chemical Research in Toxicology*, **1992**, 5, 654-60	4	29
32	8-Oxo-deoxyguanosine: reduce, reuse, recycle?. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 13535-6	11.5	27
31	Monoclonal antibody to single-stranded DNA: a potential tool for DNA repair studies. *Biochemical and Biophysical Research Communications*, **2001**, 284, 232-8	3.4	26
30	DNA repair: insights from urinary lesion analysis. *Free Radical Research*, **2002**, 36, 929-32	4	24
29	Nucleotide excision repair of oxidised genomic DNA is not a source of urinary 8-oxo-7,8-dihydro-2∀deoxyguanosine. *Free Radical Biology and Medicine*, **2016**, 99, 385-391	7.8	23
28	Aqueous cigarette tar extracts damage human alpha-1-proteinase inhibitor. *Chemico-Biological Interactions*, **1991**, 79, 151-64	5	22
27	Salvage of oxidized guanine derivatives in the (2∀deoxy)ribonucleotide pool as source of mutations in DNA. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2010**, 703, 11-7	3	20
26	Urinary thymine dimers and 8-oxo-2∀deoxyguanosine in psoriasis. *FEBS Letters*, **1999**, 460, 549-53	3.8	19
25	Deoxycytidine glyoxal: lesion induction and evidence of repair following vitamin C supplementation in vivo. *Free Radical Biology and Medicine*, **2003**, 34, 218-25	7.8	16
24	Analysis of internucleosomal DNA fragmentation in apoptotic thymocytes by dynamic sieving capillary electrophoresis. *Journal of Chromatography A*, **1995**, 700, 151-62	4.5	16
23	Evidence that oxidative stress is a risk factor for the development of squamous cell carcinoma in renal transplant patients. *Free Radical Biology and Medicine*, **2007**, 43, 1328-34	7.8	15
22	Evidence for attenuated cellular 8-oxo-7,8-dihydro-2∀deoxyguanosine removal in cancer patients. *Biological Chemistry*, **2006**, 387, 393-400	4.5	15
21	Biomarkers of nucleic acid oxidation - A summary state-of-the-art. *Redox Biology*, **2021**, 42, 101872	11.3	15
20	17 beta-Oestradiol attenuates nucleotide excision repair. *FEBS Letters*, **2003**, 535, 153-8	3.8	14
19	Rescue of cells from apoptosis increases DNA repair in UVB exposed cells: implications for the DNA damage response. *Toxicology Research*, **2015**, 4, 725-738	2.6	10

18	MTH1 deficiency selectively increases non-cytotoxic oxidative DNA damage in lung cancer cells: more bad news than good?. *BMC Cancer*, **2018**, 18, 423	4.8	10
17	Associations between functional polymorphisms in antioxidant defense genes and urinary oxidative stress biomarkers in healthy, premenopausal women. *Genes and Nutrition*, **2012**, 7, 191-5	4.3	10
16	Quantification of UVR-induced DNA damage: global- versus gene-specific levels of thymine dimers. *Journal of Immunological Methods*, **2003**, 277, 27-37	2.5	10
15	Immunochemical detection of glyoxal DNA damage. *Free Radical Biology and Medicine*, **1999**, 26, 1267-73	7.8	10
14	Non-invasive assessment of oxidatively damaged DNA: liquid chromatography-tandem mass spectrometry analysis of urinary 8-oxo-7,8-dihydro-2¥deoxyguanosine. *Methods in Molecular Biology*, **2011**, 682, 279-89	1.4	9
13	Analysis of urinary 8-oxo-7,8-dihydro-2¥deoxyguanosine by liquid chromatography-tandem mass spectrometry. *Methods in Molecular Biology*, **2010**, 610, 341-51	1.4	7
12	Immuno-slot blot assay for detection of UVR-mediated DNA damage. *Methods in Molecular Biology*, **2012**, 920, 163-75	1.4	5
11	Analysis of urinary pseudouridine by micellar electrokinetic capillary chromatography. *Annals of Clinical Biochemistry*, **1997**, 34 (Pt 5), 527-33	2.2	4
10	Antiserum detection of reactive carbonyl species-modified DNA in human colonocytes. *Free Radical Research*, **2008**, 42, 344-53	4	4
9	Lipid- and Protein-Mediated Oxidative Damage to DNA **2006**, 201-220		4
8	Phenol isolation of DNA yields higher levels of 8-oxodeoxyguanosine compared to pronase E isolation. *Biochemical Society Transactions*, **1995**, 23, 430S	5.1	4
7	Micellar electrokinetic capillary chromatography of 8-oxoguanine and other bases of DNA. *Biochemical Society Transactions*, **1995**, 23, 433S	5.1	4
6	A comparison of the gene expression profiles of CRL-1807 colonocytes exposed to endogenous AAPH-generated peroxides and exogenous peroxides from heated oil. *Redox Report*, **2007**, 12, 86-90	5.9	3
5	Redox-regulation of DNA repair. *BioFactors*, **2003**, 17, 315-24	6.1	3
4	Development of an assay to measure 8-oxoguanine using HPLC with electrochemical detection. *Biochemical Society Transactions*, **1995**, 23, 431S	5.1	3
3	Changes in the survival curve shape of E. coli cells following irradiation in the presence of uncouplers of oxidative phosphorylation. *International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine*, **1985**, 48, 495-504		2
2	Immunochemical detection of reactive oxygen species DNA damage. *Biochemical Society Transactions*, **1995**, 23, 482S	5.1	
1	Application of capillary electrophoresis to the in vitro assessment of drug metabolism. *Biochemical Society Transactions*, **1995**, 23, 432S	5.1	