

# Mark D Evans

## List of Publications by Year in Descending Order

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

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	Biomarkers of nucleic acid oxidation - A summary state-of-the-art. <i>Redox Biology</i> , <b>2021</b> , 42, 101872	11.3	15
70	Early neuronal accumulation of DNA double strand breaks in Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , <b>2019</b> , 7, 77	7.3	68
69	MTH1 deficiency selectively increases non-cytotoxic oxidative DNA damage in lung cancer cells: more bad news than good?. <i>BMC Cancer</i> , <b>2018</b> , 18, 423	4.8	10
68	Nucleotide excision repair of oxidised genomic DNA is not a source of urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 99, 385-391	7.8	23
67	Rescue of cells from apoptosis increases DNA repair in UVB exposed cells: implications for the DNA damage response. <i>Toxicology Research</i> , <b>2015</b> , 4, 725-738	2.6	10
66	Human and methodological sources of variability in the measurement of urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine. <i>Antioxidants and Redox Signaling</i> , <b>2013</b> , 18, 2377-91	8.4	107
65	Biologically relevant oxidants and terminology, classification and nomenclature of oxidatively generated damage to nucleobases and 2-deoxyribose in nucleic acids. <i>Free Radical Research</i> , <b>2012</b> , 46, 367-81	4	97
64	Immuno-slot blot assay for detection of UVR-mediated DNA damage. <i>Methods in Molecular Biology</i> , <b>2012</b> , 920, 163-75	1.4	5
63	Associations between functional polymorphisms in antioxidant defense genes and urinary oxidative stress biomarkers in healthy, premenopausal women. <i>Genes and Nutrition</i> , <b>2012</b> , 7, 191-5	4.3	10
62	Rapid measurement of 8-oxo-7,8-dihydro-2'-deoxyguanosine in human biological matrices using ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 2057-63	7.8	45
61	Simplified method for the collection, storage, and comet assay analysis of DNA damage in whole blood. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 51, 719-25	7.8	56
60	Non-invasive assessment of oxidatively damaged DNA: liquid chromatography-tandem mass spectrometry analysis of urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine. <i>Methods in Molecular Biology</i> , <b>2011</b> , 682, 279-89	1.4	9
59	DNA repair and the origins of urinary oxidized 2'-deoxyribonucleosides. <i>Mutagenesis</i> , <b>2010</b> , 25, 433-42	2.8	69
58	Toward consensus in the analysis of urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine as a noninvasive biomarker of oxidative stress. <i>FASEB Journal</i> , <b>2010</b> , 24, 1249-60	0.9	108
57	Recommendations for standardized description of and nomenclature concerning oxidatively damaged nucleobases in DNA. <i>Chemical Research in Toxicology</i> , <b>2010</b> , 23, 705-7	4	51
56	Salvage of oxidized guanine derivatives in the (2'-deoxy)ribonucleotide pool as source of mutations in DNA. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2010</b> , 703, 11-7	3	20
55	Analysis of urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine by liquid chromatography-tandem mass spectrometry. <i>Methods in Molecular Biology</i> , <b>2010</b> , 610, 341-51	1.4	7

54	First-trimester increase in oxidative stress and risk of small-for-gestational-age fetus. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2009</b> , 116, 637-42	3.7	57
53	Interlaboratory comparison of methodologies for the measurement of urinary 8-oxo-7,8-dihydro-2-deoxyguanosine. <i>Biomarkers</i> , <b>2009</b> , 14, 103-10	2.6	33
52	Sources of extracellular, oxidatively-modified DNA lesions: implications for their measurement in urine. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>2009</b> , 45, 255-70	3.1	44
51	Combination of azathioprine and UVA irradiation is a major source of cellular 8-oxo-7,8-dihydro-2-deoxyguanosine. <i>DNA Repair</i> , <b>2008</b> , 7, 1982-9	4.3	44
50	Analysis of urinary 8-oxo-7,8-dihydro-purine-2-deoxyribonucleosides by LC-MS/MS and improved ELISA. <i>Free Radical Research</i> , <b>2008</b> , 42, 831-40	4	42
49	Antiserum detection of reactive carbonyl species-modified DNA in human colonocytes. <i>Free Radical Research</i> , <b>2008</b> , 42, 344-53	4	4
48	Plasma anandamide concentration and pregnancy outcome in women with threatened miscarriage. <i>JAMA - Journal of the American Medical Association</i> , <b>2008</b> , 299, 1135-6	27.4	63
47	Evidence that oxidative stress is a risk factor for the development of squamous cell carcinoma in renal transplant patients. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 43, 1328-34	7.8	15
46	8-Oxo-deoxyguanosine: reduce, reuse, recycle?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 13535-6	11.5	27
45	A comparison of the gene expression profiles of CRL-1807 colonocytes exposed to endogenous AAPH-generated peroxides and exogenous peroxides from heated oil. <i>Redox Report</i> , <b>2007</b> , 12, 86-90	5.9	3
44	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. <i>Free Radical Biology and Medicine</i> , <b>2006</b> , 41, 1829-36	7.8	68
43	Evidence for attenuated cellular 8-oxo-7,8-dihydro-2-deoxyguanosine removal in cancer patients. <i>Biological Chemistry</i> , <b>2006</b> , 387, 393-400	4.5	15
42	Does measurement of oxidative damage to DNA have clinical significance?. <i>Clinica Chimica Acta</i> , <b>2006</b> , 365, 30-49	6.2	186
41	Lipid- and Protein-Mediated Oxidative Damage to DNA <b>2006</b> , 201-220		4
40	DNA repair is responsible for the presence of oxidatively damaged DNA lesions in urine. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2005</b> , 574, 58-66	3.3	142
39	Plasma levels of the endocannabinoid anandamide in women--a potential role in pregnancy maintenance and labor?. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 5482-7	5.6	103
38	Factors contributing to the outcome of oxidative damage to nucleic acids. <i>BioEssays</i> , <b>2004</b> , 26, 533-42	4.1	199
37	Oxidative DNA damage and disease: induction, repair and significance. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2004</b> , 567, 1-61	7	930

36	Redox-regulation of DNA repair. <i>BioFactors</i> , <b>2003</b> , 17, 315-24	6.1	3
35	Deoxycytidine glyoxal: lesion induction and evidence of repair following vitamin C supplementation in vivo. <i>Free Radical Biology and Medicine</i> , <b>2003</b> , 34, 218-25	7.8	16
34	Quantification of UVR-induced DNA damage: global- versus gene-specific levels of thymine dimers. <i>Journal of Immunological Methods</i> , <b>2003</b> , 277, 27-37	2.5	10
33	Immunochemical detection of UV-induced DNA damage and repair. <i>Journal of Immunological Methods</i> , <b>2003</b> , 280, 125-33	2.5	41
32	Oxidative DNA damage: mechanisms, mutation, and disease. <i>FASEB Journal</i> , <b>2003</b> , 17, 1195-214	0.9	2205
31	17 beta-Oestradiol attenuates nucleotide excision repair. <i>FEBS Letters</i> , <b>2003</b> , 535, 153-8	3.8	14
30	Urinary 8-oxo-2'-deoxyguanosine: redox regulation of DNA repair in vivo?. <i>Free Radical Biology and Medicine</i> , <b>2002</b> , 33, 875-85	7.8	80
29	Progress in the analysis of urinary oxidative DNA damage. <i>Free Radical Biology and Medicine</i> , <b>2002</b> , 33, 1601-14	7.8	72
28	Comparison of results from different laboratories in measuring 8-oxo-2'-deoxyguanosine in synthetic oligonucleotides. <i>Free Radical Research</i> , <b>2002</b> , 36, 649-59	4	33
27	Role of dietary antioxidants in the prevention of in vivo oxidative DNA damage. <i>Nutrition Research Reviews</i> , <b>2002</b> , 15, 19-42	7	29
26	Comparative analysis of baseline 8-oxo-7,8-dihydroguanine in mammalian cell DNA, by different methods in different laboratories: an approach to consensus. <i>Carcinogenesis</i> , <b>2002</b> , 23, 2129-33	4.6	164
25	DNA repair: insights from urinary lesion analysis. <i>Free Radical Research</i> , <b>2002</b> , 36, 929-32	4	24
24	Induction and excretion of ultraviolet-induced 8-oxo-2'-deoxyguanosine and thymine dimers in vivo: implications for PUVA. <i>Journal of Investigative Dermatology</i> , <b>2001</b> , 116, 281-5	4.3	44
23	Monoclonal antibody to single-stranded DNA: a potential tool for DNA repair studies. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 284, 232-8	3.4	26
22	Aberrant processing of oxidative DNA damage in systemic lupus erythematosus. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 273, 894-8	3.4	53
21	Simultaneous measurement of 8-oxo-2'-deoxyguanosine and 8-oxo-2'-deoxyadenosine by HPLC-MS/MS. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 277, 764-70	3.4	37
20	Urinary 8-oxo-2'-deoxyguanosine--source, significance and supplements. <i>Free Radical Research</i> , <b>2000</b> , 32, 381-97	4	157
19	Comparison of different methods of measuring 8-oxoguanine as a marker of oxidative DNA damage. ESCODD (European Standards Committee on Oxidative DNA Damage). <i>Free Radical Research</i> , <b>2000</b> , 32, 333-41	4	101

18	Immunochemical detection of glyoxal DNA damage. <i>Free Radical Biology and Medicine</i> , <b>1999</b> , 26, 1267-73.	3.8	10
17	Urinary thymine dimers and 8-oxo-2-deoxyguanosine in psoriasis. <i>FEBS Letters</i> , <b>1999</b> , 460, 549-53	3.8	19
16	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> , <b>1999</b> , 259, 374-8	3.4	34
15	Novel repair action of vitamin C upon in vivo oxidative DNA damage. <i>FEBS Letters</i> , <b>1998</b> , 439, 363-7	3.8	122
14	ESCODD: European Standards Committee on Oxidative DNA Damage. <i>Free Radical Research</i> , <b>1998</b> , 29, 601-8	4	51
13	Analysis of urinary pseudouridine by micellar electrokinetic capillary chromatography. <i>Annals of Clinical Biochemistry</i> , <b>1997</b> , 34 ( Pt 5), 527-33	2.2	4
12	A novel HPLC procedure for the analysis of 8-oxoguanine in DNA. <i>Free Radical Biology and Medicine</i> , <b>1996</b> , 20, 467-72	7.8	41
11	Analysis of internucleosomal DNA fragmentation in apoptotic thymocytes by dynamic sieving capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>1995</b> , 700, 151-62	4.5	16
10	Detection of purine lesions in cellular DNA using single cell gel electrophoresis with Fpg protein. <i>Biochemical Society Transactions</i> , <b>1995</b> , 23, 434S	5.1	29
9	Immunochemical detection of reactive oxygen species DNA damage. <i>Biochemical Society Transactions</i> , <b>1995</b> , 23, 482S	5.1	
8	Phenol isolation of DNA yields higher levels of 8-oxodeoxyguanosine compared to pronase E isolation. <i>Biochemical Society Transactions</i> , <b>1995</b> , 23, 430S	5.1	4
7	Development of an assay to measure 8-oxoguanine using HPLC with electrochemical detection. <i>Biochemical Society Transactions</i> , <b>1995</b> , 23, 431S	5.1	3
6	Application of capillary electrophoresis to the in vitro assessment of drug metabolism. <i>Biochemical Society Transactions</i> , <b>1995</b> , 23, 432S	5.1	
5	Micellar electrokinetic capillary chromatography of 8-oxoguanine and other bases of DNA. <i>Biochemical Society Transactions</i> , <b>1995</b> , 23, 433S	5.1	4
4	Damage to human alpha-1-proteinase inhibitor by aqueous cigarette tar extracts and the formation of methionine sulfoxide. <i>Chemical Research in Toxicology</i> , <b>1992</b> , 5, 654-60	4	29
3	Aqueous cigarette tar extracts damage human alpha-1-proteinase inhibitor. <i>Chemico-Biological Interactions</i> , <b>1991</b> , 79, 151-64	5	22
2	A comparison of the free radical chemistry of tobacco-burning cigarettes and cigarettes that only heat tobacco. <i>Free Radical Biology and Medicine</i> , <b>1990</b> , 8, 275-9	7.8	52
1	Changes in the survival curve shape of E. coli cells following irradiation in the presence of uncouplers of oxidative phosphorylation. <i>International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine</i> , <b>1985</b> , 48, 495-504		2

