

Mark D Evans

List of Publications by Year in descending order

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90
papers

7,451
citations

101543

36
h-index

88630

70
g-index

91
all docs

91
docs citations

91
times ranked

9261
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative DNA damage: mechanisms, mutation, and disease. FASEB Journal, 2003, 17, 1195-1214.	0.5	2,603
2	Oxidative DNA damage and disease: induction, repair and significance. Mutation Research - Reviews in Mutation Research, 2004, 567, 1-61.	5.5	1,102
3	Factors contributing to the outcome of oxidative damage to nucleic acids. BioEssays, 2004, 26, 533-542.	2.5	229
4	Does measurement of oxidative damage to DNA have clinical significance?. Clinica Chimica Acta, 2006, 365, 30-49.	1.1	204
5	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, 2129-2133.	2.8	202
6	Urinary 8-oxo-2'-deoxyguanosine " Source, significance and supplements. Free Radical Research, 2000, 32, 381-397.	3.3	194
7	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.	1.0	174
8	Early neuronal accumulation of DNA double strand breaks in Alzheimer's disease. Acta Neuropathologica Communications, 2019, 7, 77.	5.2	145
9	Novel repair action of vitamin C upon in vivo oxidative DNA damage. FEBS Letters, 1998, 439, 363-367.	2.8	142
10	Plasma Levels of the Endocannabinoid Anandamide in Women " A Potential Role in Pregnancy Maintenance and Labor?. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 5482-5487.	3.6	131
11	Human and Methodological Sources of Variability in the Measurement of Urinary 8-Oxo-7,8-dihydro-2'-deoxyguanosine. Antioxidants and Redox Signaling, 2013, 18, 2377-2391.	5.4	130
12	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, 1249-1260.	0.5	126
13	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, 367-381.	3.3	114
14	Comparison of different methods of measuring 8-oxoguanine as a marker of oxidative DNA damage. Free Radical Research, 2000, 32, 333-341.	3.3	112
15	Urinary 8-oxo-2'-deoxyguanosine: redox regulation of DNA repair in vivo? 1 This article is part of a series of reviews on "Oxidative DNA Damage and Repair." The full list of papers may be found on the homepage of the journal.. Free Radical Biology and Medicine, 2002, 33, 875-885.	2.9	95
16	Progress in the analysis of urinary oxidative DNA damage. Free Radical Biology and Medicine, 2002, 33, 1601-1614.	2.9	85
17	DNA repair and the origins of urinary oxidized 2'-deoxyribonucleosides. Mutagenesis, 2010, 25, 433-442.	2.6	82
18	Plasma Anandamide Concentration and Pregnancy Outcome in Women With Threatened Miscarriage. JAMA - Journal of the American Medical Association, 2008, 299, 1135.	7.4	76

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19	First-trimester increase in oxidative stress and risk of small-for-gestational-age fetus. BJOG: an International Journal of Obstetrics and Gynaecology, 2009, 116, 637-642.	2.3	73
20	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, 1829-1836.	2.9	71
21	Simplified method for the collection, storage, and comet assay analysis of DNA damage in whole blood. Free Radical Biology and Medicine, 2011, 51, 719-725.	2.9	69
22	ESCODD: European standards committee on oxidative DNA damage. Free Radical Research, 1998, 29, 601-608.	3.3	63
23	A comparison of the free radical chemistry of tobacco-burning cigarettes and cigarettes that only heat tobacco. Free Radical Biology and Medicine, 1990, 8, 275-279.	2.9	60
24	Recommendations for Standardized Description of and Nomenclature Concerning Oxidatively Damaged Nucleobases in DNA. Chemical Research in Toxicology, 2010, 23, 705-707.	3.3	57
25	Aberrant Processing of Oxidative DNA Damage in Systemic Lupus Erythematosus. Biochemical and Biophysical Research Communications, 2000, 273, 894-898.	2.1	56
26	Induction and Excretion of Ultraviolet-Induced 8-Oxo-2-deoxyguanosine and Thymine Dimers In Vivo: Implications for PUVA. Journal of Investigative Dermatology, 2001, 116, 281-285.	0.7	54
27	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, 2057-2063.	2.9	51
28	Biomarkers of nucleic acid oxidation – A summary state-of-the-art. Redox Biology, 2021, 42, 101872.	9.0	51
29	Analysis of urinary 8-oxo-7,8-dihydro-purine-2-deoxyribonucleosides by LC-MS/MS and improved ELISA. Free Radical Research, 2008, 42, 831-840.	3.3	48
30	Sources of Extracellular, Oxidatively-Modified DNA Lesions: Implications for Their Measurement in Urine. Journal of Clinical Biochemistry and Nutrition, 2009, 45, 255-270.	1.4	46
31	Combination of azathioprine and UVA irradiation is a major source of cellular 8-oxo-7,8-dihydro-2-deoxyguanosine. DNA Repair, 2008, 7, 1982-1989.	2.8	45
32	A novel HPLC procedure for the analysis of 8-oxoguanine in DNA. Free Radical Biology and Medicine, 1996, 20, 467-473.	2.9	44
33	Simultaneous Measurement of 8-Oxo-2-deoxyguanosine and 8-Oxo-2-deoxyadenosine by HPLC-MS/MS. Biochemical and Biophysical Research Communications, 2000, 277, 764-770.	2.1	44
34	Immunochemical detection of UV-induced DNA damage and repair. Journal of Immunological Methods, 2003, 280, 125-133.	1.4	43
35	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, 374-378.	2.1	42
36	Comparison of Results from Different Laboratories in Measuring 8-oxo-2-deoxyguanosine in Synthetic Oligonucleotides. Free Radical Research, 2002, 36, 649-659.	3.3	37

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37	Interlaboratory comparison of methodologies for the measurement of urinary 8-oxo-7,8-dihydro-2 ϵ -deoxyguanosine. <i>Biomarkers</i> , 2009, 14, 103-110.	1.9	37
38	Role of dietary antioxidants in the prevention of in vivo oxidative DNA damage. <i>Nutrition Research Reviews</i> , 2002, 15, 19.	4.1	36
39	Damage to human α -1-proteinase inhibitor by aqueous cigarette tar extracts and the formation of methionine sulfoxide. <i>Chemical Research in Toxicology</i> , 1992, 5, 654-660.	3.3	34
40	Detection of purine lesions in cellular DNA using single cell gel electrophoresis with Fpg protein. <i>Biochemical Society Transactions</i> , 1995, 23, 434S-434S.	3.4	34
41	8-Oxo-deoxyguanosine: Reduce, reuse, recycle?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13535-13536.	7.1	32
42	Aqueous cigarette tar extracts damage human α -1-proteinase inhibitor. <i>Chemico-Biological Interactions</i> , 1991, 79, 151-164.	4.0	30
43	DNA Repair: Insights from Urinary Lesion Analysis. <i>Free Radical Research</i> , 2002, 36, 929-932.	3.3	27
44	Monoclonal Antibody to Single-Stranded DNA: A Potential Tool for DNA Repair Studies. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 232-238.	2.1	26
45	Salvage of oxidized guanine derivatives in the (2 ϵ -deoxy)ribonucleotide pool as source of mutations in DNA. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 703, 11-17.	1.7	26
46	Nucleotide excision repair of oxidised genomic DNA is not a source of urinary 8-oxo-7,8-dihydro-2 ϵ -deoxyguanosine. <i>Free Radical Biology and Medicine</i> , 2016, 99, 385-391.	2.9	26
47	Urinary thymine dimers and 8-oxo-2 ϵ -deoxyguanosine in psoriasis. <i>FEBS Letters</i> , 1999, 460, 549-553.	2.8	22
48	Deoxycytidine glyoxal: lesion induction and evidence of repair following vitamin C supplementation in vivo. <i>Free Radical Biology and Medicine</i> , 2003, 34, 218-225.	2.9	21
49	Analysis of internucleosomal DNA fragmentation in apoptotic thymocytes by dynamic sieving capillary electrophoresis. <i>Journal of Chromatography A</i> , 1995, 700, 151-162.	3.7	18
50	Evidence for attenuated cellular 8-oxo-7,8-dihydro-2 ϵ -deoxyguanosine removal in cancer patients. <i>Biological Chemistry</i> , 2006, 387, 393-400.	2.5	17
51	17 β -Oestradiol attenuates nucleotide excision repair. <i>FEBS Letters</i> , 2003, 535, 153-158.	2.8	16
52	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> , 2007, 43, 1328-1334.	2.9	16
53	Immunochemical detection of glyoxal DNA damage. <i>Free Radical Biology and Medicine</i> , 1999, 26, 1267-1273.	2.9	13
54	Quantification of UVR-induced DNA damage: global- versus gene-specific levels of thymine dimers. <i>Journal of Immunological Methods</i> , 2003, 277, 27-37.	1.4	13

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55	Rescue of cells from apoptosis increases DNA repair in UVB exposed cells: implications for the DNA damage response. <i>Toxicology Research</i> , 2015, 4, 725-738.	2.1	13
56	MTH1 deficiency selectively increases non-cytotoxic oxidative DNA damage in lung cancer cells: more bad news than good?. <i>BMC Cancer</i> , 2018, 18, 423.	2.6	13
57	Associations between functional polymorphisms in antioxidant defense genes and urinary oxidative stress biomarkers in healthy, premenopausal women. <i>Genes and Nutrition</i> , 2012, 7, 191-195.	2.5	10
58	Analysis of Urinary 8-oxo-7,8-dihydro-2â€²-deoxyguanosine by Liquid Chromatographyâ€“Tandem Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2010, 610, 341-351.	0.9	9
59	Non-invasive Assessment of Oxidatively Damaged DNA: Liquid Chromatography-Tandem Mass Spectrometry Analysis of Urinary 8-Oxo-7,8-Dihydro-2â€²-Deoxyguanosine. <i>Methods in Molecular Biology</i> , 2011, 682, 279-289.	0.9	9
60	Immuno-Slot Blot Assay for Detection of UVR-Mediated DNA Damage. <i>Methods in Molecular Biology</i> , 2012, 920, 163-175.	0.9	6
61	Phenol isolation of DNA yields higher levels of 8-oxodeoxyguanosine compared to pronase E isolation. <i>Biochemical Society Transactions</i> , 1995, 23, 430S-430S.	3.4	5
62	Analysis of Urinary Pseudouridine by Micellar Electrokinetic Capillary Chromatography. <i>Annals of Clinical Biochemistry</i> , 1997, 34, 527-533.	1.6	5
63	Lipid- and Protein-Mediated Oxidative Damage to DNA. , 2006, , 201-220.		5
64	Micellar electrokinetic capillary chromatography of 8-oxoguanine and other bases of DNA. <i>Biochemical Society Transactions</i> , 1995, 23, 433S-433S.	3.4	4
65	Antiserum detection of reactive carbonyl species-modified DNA in human colonocytes. <i>Free Radical Research</i> , 2008, 42, 344-353.	3.3	4
66	Changes in the Survival Curve Shape of <i>E. Coli</i> 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> , 1985, 48, 495-504.	1.0	3
67	Development of an assay to measure 8-oxoguanine using HPLC with electrochemical detection. <i>Biochemical Society Transactions</i> , 1995, 23, 431S-431S.	3.4	3
68	Redoxâ€‘regulation of DNA repair. <i>BioFactors</i> , 2003, 17, 315-324.	5.4	3
69	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> , 2007, 12, 86-90.	4.5	3
70	DEVELOPMENT OF A VIRTUAL ENVIRONMENT FOR TEACHING AND LEARNING BIOMEDICAL TECHNIQUES AND EQUIPMENT FOR THE STUDY OF HUMAN PATHOGENS. <i>EDULEARN Proceedings</i> , 2018, , .	0.0	3
71	INTRODUCING TRAINING RELATED TO THE USE OF DRUGS TO PROTECT HUMANS FROM HIV INFECTION. , 2017, , .		3
72	BUILDING A DMU E-BIOLOGY RESOURCE FOR HEALTH SCIENCESâ€™ STUDENTS. , 2017, , .		3

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73	DEVELOPING RESOURCES FOR TEACHING AND LEARNING CELL AND PARASITE CULTURE WITHIN THE DMU E-PARASITOLOGY PACKAGE. , 2017, , .		2
74	DEVELOPING A SMARTPHONE APP FOR LEARNING PARASITOLOGY. EDULEARN Proceedings, 2020, , .	0.0	1
75	Immunochemical detection of reactive oxygen species DNA damage. Biochemical Society Transactions, 1995, 23, 482S-482S.	3.4	0
76	Application of Capillary Electrophoresis To the In Vitro Assessment of Drug Metabolism. Biochemical Society Transactions, 1995, 23, 432S-432S.	3.4	0
77	Mitochondrial Toxicity of Arsenite in Human Vascular Endothelial Cells. Free Radical Biology and Medicine, 2012, 53, S163.	2.9	0
78	Environmental presence of uranium and exposure to uranium and thorium in children living in Alcalá de Henares (Spain). ISEE Conference Abstracts, 2021, 2021, .	0.0	0
79	Abstract A43: Evaluation of the cytotoxic effects of 3-O-acetyl-11-keto- β -boswellic acid in ovarian cancer cells. , 2013, , .		0
80	Iron Indices and Urinary 8-Oxo-7, 8-Dihydro-2- α -Deoxyguanosine (8-Oxodg) in Patients with Cervical Intraepithelial Neoplasia. British Journal of Medicine and Medical Research, 2015, 7, 678-687.	0.2	0
81	REFLECTIVE PRACTICE APPLICATIONS: α GLUIDED WEEKLY REFLECTION PAPERS α EXTENDED FROM ALCALÁ UNIVERSITY (SPAIN) TO DE MONTFORT UNIVERSITY (UK). EDULEARN Proceedings, 2016, , .	0.0	0
82	NEW CHALLENGES FOR ENVIRONMENTAL TOXICOLOGY EDUCATION IN THE EUROPEAN UNION. , 2016, , .		0
83	INTRODUCING TRAINING TO RESPOND TO CHEMICAL INCIDENTS IN THE PHARMACY DEGREE AT THE UNIVERSITY OF SAN PABLO CEU (SPAIN). , 2017, , .		0
84	INTERVENTIONS TO ENHANCE THE TEACHING OF TOXICOLOGY AT A UK UNIVERSITY. , 2018, , .		0
85	HISTOLOGY RESOURCES FOR PROMOTING BLENDED LEARNING. , 2018, , .		0
86	VIRTUAL LIBRARIES OF TISSUE AND CLINICAL SAMPLES: POTENTIAL ROLE OF A 3-D MICROSCOPE. , 2019, , .		0
87	PROMOTING TRAINING IN HEALTH CARE PROGRAMMES FOR ENVIRONMENTAL MONITORING OF HUMAN PATHOGENS. INTED Proceedings, 2019, , .	0.0	0
88	TEACHING PARASITE CULTURE THROUGH E-LEARNING INCORPORATING DIGITISED 2D AND 3D PARASITE IMAGES. EDULEARN Proceedings, 2019, , .	0.0	0
89	CULTIVATION OF EMERGING HUMAN PARASITES: NOVEL E-PARASITOLOGY RESOURCES. , 2020, , .		0
90	NOVEL RESOURCES FOR TEACHING MEDICAL PARASITOLOGY IN PHYSICIAN ASSOCIATE PROGRAMMES. , 2020, , .		0