

Mark D Evans

List of Publications by Year in descending order

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90
papers

7,451
citations

116194

36
h-index

100535

70
g-index

91
all docs

91
docs citations

91
times ranked

10148
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative DNA damage: mechanisms, mutation, and disease. <i>FASEB Journal</i> , 2003, 17, 1195-1214.	0.2	2,603
2	Oxidative DNA damage and disease: induction, repair and significance. <i>Mutation Research - Reviews in Mutation Research</i> , 2004, 567, 1-61.	2.4	1,102
3	Factors contributing to the outcome of oxidative damage to nucleic acids. <i>BioEssays</i> , 2004, 26, 533-542.	1.2	229
4	Does measurement of oxidative damage to DNA have clinical significance?. <i>Clinica Chimica Acta</i> , 2006, 365, 30-49.	0.5	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. <i>Carcinogenesis</i> , 2002, 23, 2129-2133.	1.3	202
6	Urinary 8-oxo-2'-deoxyguanosine " Source, significance and supplements. <i>Free Radical Research</i> , 2000, 32, 381-397.	1.5	194
7	DNA repair is responsible for the presence of oxidatively damaged DNA lesions in urine. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 574, 58-66.	0.4	174
8	Early neuronal accumulation of DNA double strand breaks in Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2019, 7, 77.	2.4	145
9	Novel repair action of vitamin C upon in vivo oxidative DNA damage. <i>FEBS Letters</i> , 1998, 439, 363-367.	1.3	142
10	Plasma Levels of the Endocannabinoid Anandamide in Women: A Potential Role in Pregnancy Maintenance and Labor?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 5482-5487.	1.8	131
11	Human and Methodological Sources of Variability in the Measurement of Urinary 8-Oxo-7,8-dihydro-2'-deoxyguanosine. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 2377-2391.	2.5	130
12	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> , 2010, 24, 1249-1260.	0.2	126
13	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> , 2012, 46, 367-381.	1.5	114
14	Comparison of different methods of measuring 8-oxoguanine as a marker of oxidative DNA damage. <i>Free Radical Research</i> , 2000, 32, 333-341.	1.5	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.. <i>Free Radical Biology and Medicine</i> , 2002, 33, 875-885.	1.3	95
16	Progress in the analysis of urinary oxidative DNA damage. <i>Free Radical Biology and Medicine</i> , 2002, 33, 1601-1614.	1.3	85
17	DNA repair and the origins of urinary oxidized 2'-deoxyribonucleosides. <i>Mutagenesis</i> , 2010, 25, 433-442.	1.0	82
18	Plasma Anandamide Concentration and Pregnancy Outcome in Women With Threatened Miscarriage. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 1135.	3.8	76

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19	First trimester increase in oxidative stress and risk of small-for-gestational-age fetus. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009, 116, 637-642.	1.1	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. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1829-1836.	1.3	71
21	Simplified method for the collection, storage, and comet assay analysis of DNA damage in whole blood. <i>Free Radical Biology and Medicine</i> , 2011, 51, 719-725.	1.3	69
22	ESCODD: European standards committee on oxidative DNA damage. <i>Free Radical Research</i> , 1998, 29, 601-608.	1.5	63
23	A comparison of the free radical chemistry of tobacco-burning cigarettes and cigarettes that only heat tobacco. <i>Free Radical Biology and Medicine</i> , 1990, 8, 275-279.	1.3	60
24	Recommendations for Standardized Description of and Nomenclature Concerning Oxidatively Damaged Nucleobases in DNA. <i>Chemical Research in Toxicology</i> , 2010, 23, 705-707.	1.7	57
25	Aberrant Processing of Oxidative DNA Damage in Systemic Lupus Erythematosus. <i>Biochemical and Biophysical Research Communications</i> , 2000, 273, 894-898.	1.0	56
26	Induction and Excretion of Ultraviolet-Induced 8-Oxo-2-deoxyguanosine and Thymine Dimers In Vivo: Implications for PUVA. <i>Journal of Investigative Dermatology</i> , 2001, 116, 281-285.	0.3	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. <i>Free Radical Biology and Medicine</i> , 2012, 52, 2057-2063.	1.3	51
28	Biomarkers of nucleic acid oxidation – A summary state-of-the-art. <i>Redox Biology</i> , 2021, 42, 101872.	3.9	51
29	Analysis of urinary 8-oxo-7,8-dihydro-purine-2-deoxyribonucleosides by LC-MS/MS and improved ELISA. <i>Free Radical Research</i> , 2008, 42, 831-840.	1.5	48
30	Sources of Extracellular, Oxidatively-Modified DNA Lesions: Implications for Their Measurement in Urine. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2009, 45, 255-270.	0.6	46
31	Combination of azathioprine and UVA irradiation is a major source of cellular 8-oxo-7,8-dihydro-2-deoxyguanosine. <i>DNA Repair</i> , 2008, 7, 1982-1989.	1.3	45
32	A novel HPLC procedure for the analysis of 8-oxoguanine in DNA. <i>Free Radical Biology and Medicine</i> , 1996, 20, 467-473.	1.3	44
33	Simultaneous Measurement of 8-Oxo-2-deoxyguanosine and 8-Oxo-2-deoxyadenosine by HPLC-MS/MS. <i>Biochemical and Biophysical Research Communications</i> , 2000, 277, 764-770.	1.0	44
34	Immunochemical detection of UV-induced DNA damage and repair. <i>Journal of Immunological Methods</i> , 2003, 280, 125-133.	0.6	43
35	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, 374-378.	1.0	42
36	Comparison of Results from Different Laboratories in Measuring 8-oxo-2-deoxyguanosine in Synthetic Oligonucleotides. <i>Free Radical Research</i> , 2002, 36, 649-659.	1.5	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.	0.9	37
38	Role of dietary antioxidants in the prevention of in vivo oxidative DNA damage. <i>Nutrition Research Reviews</i> , 2002, 15, 19.	2.1	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.	1.7	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.	1.6	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.	3.3	32
42	Aqueous cigarette tar extracts damage human α -1-proteinase inhibitor. <i>Chemico-Biological Interactions</i> , 1991, 79, 151-164.	1.7	30
43	DNA Repair: Insights from Urinary Lesion Analysis. <i>Free Radical Research</i> , 2002, 36, 929-932.	1.5	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.	1.0	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.	0.9	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.	1.3	26
47	Urinary thymine dimers and 8-oxo-2- ϵ -deoxyguanosine in psoriasis. <i>FEBS Letters</i> , 1999, 460, 549-553.	1.3	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.	1.3	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.	1.8	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.	1.2	17
51	17 β -Oestradiol attenuates nucleotide excision repair. <i>FEBS Letters</i> , 2003, 535, 153-158.	1.3	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.	1.3	16
53	Immunochemical detection of glyoxal DNA damage. <i>Free Radical Biology and Medicine</i> , 1999, 26, 1267-1273.	1.3	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.	0.6	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.	0.9	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.	1.1	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.	1.2	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.	0.4	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.	0.4	9
60	Immuno-Slot Blot Assay for Detection of UVR-Mediated DNA Damage. <i>Methods in Molecular Biology</i> , 2012, 920, 163-175.	0.4	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.	1.6	5
62	Analysis of Urinary Pseudouridine by Micellar Electrokinetic Capillary Chromatography. <i>Annals of Clinical Biochemistry</i> , 1997, 34, 527-533.	0.8	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.	1.6	4
65	Antiserum detection of reactive carbonyl species-modified DNA in human colonocytes. <i>Free Radical Research</i> , 2008, 42, 344-353.	1.5	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.	1.6	3
68	Redoxâ€”regulation of DNA repair. <i>BioFactors</i> , 2003, 17, 315-324.	2.6	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.	1.4	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.	1.6	0
76	Application of Capillary Electrophoresis To the In Vitro Assessment of Drug Metabolism. Biochemical Society Transactions, 1995, 23, 432S-432S.	1.6	0
77	Mitochondrial Toxicity of Arsenite in Human Vascular Endothelial Cells. Free Radical Biology and Medicine, 2012, 53, S163.	1.3	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- β -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: "GUIDED WEEKLY REFLECTION PAPERS" 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