

George W Teebor

List of Publications by Year in descending order

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25
papers

2,004
citations

331670

21
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

987
citing authors

#	ARTICLE	IF	CITATIONS
1	The Repairability of Oxidative Free Radical Mediated Damage to DNA: A Review. <i>International Journal of Radiation Biology</i> , 1988, 54, 131-150.	1.8	193
2	Cloning and Expression of the cDNA Encoding the Human Homologue of the DNA Repair Enzyme, <i>Escherichia coli</i> Endonuclease III. <i>Journal of Biological Chemistry</i> , 1997, 272, 6733-6740.	3.4	136
3	Definitive Identification of Mammalian 5-Hydroxymethyluracil DNA N-Glycosylase Activity as SMUG1. <i>Journal of Biological Chemistry</i> , 2001, 276, 41991-41997.	3.4	125
4	UV-induced pyrimidine hydrates in DNA are repaired by bacterial and mammalian DNA glycosylase activities. <i>Biochemistry</i> , 1989, 28, 6164-6170.	2.5	120
5	Identification of the cis-thymine glycol moiety in chemically oxidized and .gamma.-irradiated DNA by HPLC analysis. <i>Biochemistry</i> , 1981, 20, 7566-7571.	2.5	117
6	Quantitative determination of the 5-(hydroxymethyl)uracil moiety in the DNA of .gamma.-irradiated cells. <i>Biochemistry</i> , 1985, 24, 4527-4533.	2.5	115
7	Targeted Deletion of mNth1 Reveals a Novel DNA Repair Enzyme Activity. <i>Molecular and Cellular Biology</i> , 2002, 22, 6111-6121.	2.3	102
8	Substrate Specificity of Human Endonuclease III (hNTH1). <i>Journal of Biological Chemistry</i> , 2003, 278, 9005-9012.	3.4	102
9	DNA Polymerase Î» Protects Mouse Fibroblasts against Oxidative DNA Damage and Is Recruited to Sites of DNA Damage/Repair. <i>Journal of Biological Chemistry</i> , 2005, 280, 31641-31647.	3.4	101
10	Targeted deletion of the genes encoding NTH1 and NEIL1 DNA N-glycosylases reveals the existence of novel carcinogenic oxidative damage to DNA. <i>DNA Repair</i> , 2009, 8, 786-794.	2.8	101
11	5-hydroxymethylcytosine DNA glycosylase activity in mammalian tissue. <i>Biochemical and Biophysical Research Communications</i> , 1988, 151, 1173-1179.	2.1	95
12	Identification of the cis-thymine glycol moiety in oxidized deoxyribonucleic acid. <i>Biochemistry</i> , 1981, 20, 750-754.	2.5	90
13	Purification of a Mammalian Homologue of <i>Escherichia coli</i> Endonuclease III: Identification of a Bovine Pyrimidine Hydrate-Thymine Glycol DNA-Glycosylase/AP Lyase by Irreversible Cross Linking to a Thymine Glycol-Containing Oligodeoxynucleotide. <i>Biochemistry</i> , 1996, 35, 2505-2511.	2.5	87
14	Oxidative damage to 5-methylcytosine in DNA. <i>Nucleic Acids Research</i> , 1995, 23, 3239-3243.	14.5	84
15	Formation and stability of repairable pyrimidine photohydrates in DNA. <i>Biochemistry</i> , 1990, 29, 10455-10460.	2.5	77
16	Genetic effects of 5-hydroxymethyl-2â€²-deoxyuridine, a product of ionizing radiation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1987, 178, 177-186.	1.0	64
17	Human endonuclease activity for DNA apurinic sites. <i>Nature</i> , 1975, 258, 544-547.	27.8	63
18	Definitive characterization of human thymine glycol N-glycosylase activity. <i>Biochemistry</i> , 1987, 26, 1683-1688.	2.5	56

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19	Different ultraviolet DNA endonuclease activity in human cells. <i>Nature</i> , 1975, 255, 82-84.	27.8	53
20	Phylogenetic evidence of a role for 5-hydroxymethyluracil-DNA glycosylase in the maintenance of 5-methylcytosine in DNA. <i>Nucleic Acids Research</i> , 1989, 17, 7653-7661.	14.5	45
21	Repair of thymine glycol by hNth1 and hNeil1 is modulated by base pairing and cisâ€“trans epimerization. <i>DNA Repair</i> , 2006, 5, 444-454.	2.8	35
22	Effect of pH and Temperature on the Stability of UV-Induced Repairable Pyrimidine Hydrates in DNA. <i>Biochemistry</i> , 1994, 33, 9875-9880.	2.5	19
23	Expression of the human DNA glycosylase hSMUG1 in <i>Trypanosoma brucei</i> causes DNA damage and interferes with J biosynthesis. <i>Nucleic Acids Research</i> , 2002, 30, 3919-3926.	14.5	18
24	The DNA Glycosylases Ogg1 and Nth1 Do Not Contribute to Ig Class Switching in Activated Mouse Splenic B Cells. <i>PLoS ONE</i> , 2012, 7, e36061.	2.5	5
25	Identification, Characterization, and Purification of DNA Glycosylase/AP Lyases by Reductive Crosslinking to 2â€“Deoxyribooligonucleotides Containing Specific Base Lesions. <i>Methods</i> , 2000, 22, 180-187.	3.8	1