

Michael P Stone

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96
papers

2,717
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47
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104
ext. papers

2,883
ext. citations

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L-index

#	Paper	IF	Citations
96	Preparation of the 8,9-epoxide of the mycotoxin aflatoxin B1: the ultimate carcinogenic species. <i>Journal of the American Chemical Society</i> , 1988 , 110, 7929-7931	16.4	222
95	DNA interchain cross-links formed by acrolein and crotonaldehyde. <i>Journal of the American Chemical Society</i> , 2003 , 125, 50-61	16.4	167
94	Interstrand DNA cross-links induced by alpha,beta-unsaturated aldehydes derived from lipid peroxidation and environmental sources. <i>Accounts of Chemical Research</i> , 2008 , 41, 793-804	24.3	142
93	Chemistry and biology of DNA containing 1,N(2)-deoxyguanosine adducts of the alpha,beta-unsaturated aldehydes acrolein, crotonaldehyde, and 4-hydroxynonenal. <i>Chemical Research in Toxicology</i> , 2009 , 22, 759-78	4	141
92	Intercalation of aflatoxin B1 in two oligodeoxynucleotide adducts: comparative 1H NMR analysis of d(ATCAGGAT).d(ATCGAT) and d(ATAFBGCAT)2. <i>Biochemistry</i> , 1990 , 29, 10438-48	3.2	90
91	Adduction of the human N-ras codon 61 sequence with (-)-(7S,8R,9R,10S)-7,8-dihydroxy-9,10-epoxy-7,8,9,10-tetrahydrobenzo[a] pyrene: structural refinement of the intercalated SRSR(61,2) (-)-(7S,8R,9S,10R)-N6-[10-(7,8,9,10-tetrahydrobenzo[a]pyrenyl)]-2'deoxyadenosyl adduct from 1H NMR. <i>Biochemistry</i> , 1996 , 35, 6212-24	3.2	71
90	DNA conformation mediates aflatoxin B1-DNA binding and the formation of guanine N7 adducts by aflatoxin B1 8,9-exo-epoxide. <i>Chemical Research in Toxicology</i> , 1993 , 6, 64-8	4	69
89	A postoligomerization synthesis of oligodeoxynucleotides containing polycyclic aromatic hydrocarbon adducts at the N6 position of deoxyadenosine.. <i>Journal of the American Chemical Society</i> , 1992 , 114, 5480-5481	16.4	64
88	Binding of the human nucleotide excision repair proteins XPA and XPC/HR23B to the 5R-thymine glycol lesion and structure of the cis-(5R,6S) thymine glycol epimer in the 5VGTgG-3Vsequence: destabilization of two base pairs at the lesion site. <i>Nucleic Acids Research</i> , 2010 , 38, 428-40	20.1	60
87	Base-displaced intercalated structure of the food mutagen 2-amino-3-methylimidazo[4,5-f]quinoline in the recognition sequence of the NarI restriction enzyme, a hotspot for -2 bp deletions. <i>Journal of the American Chemical Society</i> , 2006 , 128, 10085-95	16.4	57
86	An intercalated and thermally stable FAPY adduct of aflatoxin B1 in a DNA duplex: structural refinement from 1H NMR. <i>Biochemistry</i> , 1998 , 37, 4374-87	3.2	56
85	1H NMR of an oligodeoxynucleotide containing a propanodeoxyguanosine adduct positioned in a (CG)3 frameshift hotspot of Salmonella typhimurium hisD3052: Hoogsteen base-pairing at pH 5.8. <i>Chemical Research in Toxicology</i> , 1993 , 6, 825-36	4	54
84	Structural studies of an oligodeoxynucleotide containing a trimethylene interstrand cross-link in a 5V(CpG) motif: model of a malondialdehyde cross-link. <i>Journal of the American Chemical Society</i> , 2001 , 123, 1730-9	16.4	52
83	Stereospecific formation of interstrand carbinolamine DNA cross-links by crotonaldehyde- and acetaldehyde-derived alpha-CH3-gamma-OH-1,N2-propano-2Vdeoxyguanosine adducts in the 5VCpG-3Vsequence. <i>Chemical Research in Toxicology</i> , 2006 , 19, 195-208	4	49
82	Unraveling the aflatoxin-FAPY conundrum: structural basis for differential replicative processing of isomeric forms of the formamidopyrimidine-type DNA adduct of aflatoxin B1. <i>Journal of the American Chemical Society</i> , 2006 , 128, 15188-99	16.4	49
81	Detection of an interchain carbinolamine cross-link formed in a CpG sequence by the acrolein DNA adduct gamma-OH-1,N(2)-propano-2Vdeoxyguanosine. <i>Journal of the American Chemical Society</i> , 2002 , 124, 9324-5	16.4	44
80	Multiple conformations of an intercalated (-)-(7S,8R,9S,10R)-N6-[10-(7,8,9,10-tetrahydrobenzo[a]pyrenyl)]-2Vdeoxyadenosyl adduct in the N-ras codon 61 sequence. <i>Biochemistry</i> , 1998 , 37, 16516-28	3.2	39

79	Structure of (5S)-8,5'-cyclic-2'-deoxyguanosine in DNA. <i>Journal of the American Chemical Society</i> , 2011 , 133, 20357-68	16.4	38
78	Alteration of the aflatoxin cyclopentenone ring to a delta-lactone reduces intercalation with DNA and decreases formation of guanine N7 adducts by aflatoxin epoxides. <i>Chemical Research in Toxicology</i> , 1990 , 3, 254-61	4	38
77	Molecular basis of aflatoxin-induced mutagenesis-role of the aflatoxin B1-formamidopyrimidine adduct. <i>Carcinogenesis</i> , 2014 , 35, 1461-8	4.6	37
76	Chemistry and structural biology of DNA damage and biological consequences. <i>Chemistry and Biodiversity</i> , 2011 , 8, 1571-615	2.5	36
75	Spectroscopic characterization of interstrand carbinolamine cross-links formed in the 5'-CpG-3' sequence by the acrolein-derived gamma-OH-1,N2-propano-2'-deoxyguanosine DNA adduct. <i>Journal of the American Chemical Society</i> , 2005 , 127, 17686-96	16.4	36
74	NMR determination of the conformation of a trimethylene interstrand cross-link in an oligodeoxynucleotide duplex containing a 5'-d(GpC) motif. <i>Journal of the American Chemical Society</i> , 2003 , 125, 62-72	16.4	36
73	DNA abasic lesions in a different light: solution structure of an endogenous topoisomerase II poison. <i>Biochemistry</i> , 1999 , 38, 15500-7	3.2	36
72	Error-prone replication bypass of the primary aflatoxin B1 DNA adduct, AFB1-N7-Gua. <i>Journal of Biological Chemistry</i> , 2014 , 289, 18497-506	5.4	35
71	DNA cross-link induced by trans-4-hydroxynonenal. <i>Environmental and Molecular Mutagenesis</i> , 2010 , 51, 625-34	3.2	35
70	Major groove (S)-alpha-(N6-adenyl)styrene oxide adducts in an oligodeoxynucleotide containing the human N-ras codon 61 sequence: conformations of the S(61,2) and S(61,3) sequence isomers from 1H NMR. <i>Biochemistry</i> , 1996 , 35, 7316-29	3.2	35
69	Structure of an oligodeoxynucleotide containing a 1,N(2)-propanodeoxyguanosine adduct positioned in a palindrome derived from the Salmonella typhimurium hisD3052 gene: Hoogsteen pairing at pH 5.2. <i>Chemical Research in Toxicology</i> , 2002 , 15, 127-39	4	32
68	Major groove (R)-alpha-(N6-adenyl)styrene oxide adducts in an oligodeoxynucleotide containing the human N-ras codon 61 sequence: conformations of the R(61,2) and R(61,3) sequence isomers from 1H NMR. <i>Biochemistry</i> , 1995 , 34, 14021-36	3.2	31
67	Bypass of aflatoxin B1 adducts by the Sulfolobus solfataricus DNA polymerase IV. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12556-68	16.4	29
66	Inherent stereospecificity in the reaction of aflatoxin B(1) 8,9-epoxide with deoxyguanosine and efficiency of DNA catalysis. <i>Chemical Research in Toxicology</i> , 2009 , 22, 913-7	4	29
65	Structure of a duplex oligodeoxynucleotide containing propanodeoxyguanosine opposite a two-base deletion in the (CpG)3 frame shift hotspot of Salmonella typhimurium hisD3052 determined by 1H NMR and restrained molecular dynamics. <i>Biochemistry</i> , 1995 , 34, 50-64	3.2	29
64	Solution structure of an oligodeoxynucleotide containing the malondialdehyde deoxyguanosine adduct N2-(3-oxo-1-propenyl)-dG (ring-opened M1G) positioned in a (CpG)3 frameshift hotspot of the Salmonella typhimurium hisD3052 gene. <i>Biochemistry</i> , 1999 , 38, 13491-501	3.2	28
63	Interconversion of the cis-5R,6S- and trans-5R,6R-thymine glycol lesions in duplex DNA. <i>Journal of the American Chemical Society</i> , 2008 , 130, 11701-10	16.4	27
62	NEIL1 protects against aflatoxin-induced hepatocellular carcinoma in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 4207-4212	11.5	26

61	Site-specific synthesis and characterization of oligonucleotides containing an N6-(2-deoxy-D-erythro-pentofuranosyl)-2,6-diamino-3,4-dihydro-4-oxo-5-N-methylformamidopyrimidine lesion, the ring-opened product from N7-methylation of deoxyguanosine. <i>Chemical Research in Toxicology</i> , 2008 , 21, 2324-33	4	26
60	Synthesis of oligonucleotides containing the alkali-labile pyrimidopurinone adduct, M(1)G. <i>Chemical Research in Toxicology</i> , 2000 , 13, 90-5	4	24
59	Selective Incision of the alpha-N-Methyl-Formamidopyrimidine Anomer by Escherichia coli Endonuclease IV. <i>Journal of Nucleic Acids</i> , 2010 , 2010,	2.3	23
58	¹ H NMR characterization of a duplex oligodeoxynucleotide containing propanodeoxyguanosine opposite a two-base deletion in the (CpG) ₃ frameshift hotspot of Salmonella typhimurium hisD3052. <i>Chemical Research in Toxicology</i> , 1994 , 7, 319-28	4	22
57	Insertion of dNTPs opposite the 1,N2-propanodeoxyguanosine adduct by Sulfolobus solfataricus P2 DNA polymerase IV. <i>Biochemistry</i> , 2008 , 47, 7322-34	3.2	21
56	In vitro bypass of malondialdehyde-deoxyguanosine adducts: differential base selection during extension by the Klenow fragment of DNA polymerase I is the critical determinant of replication outcome. <i>Biochemistry</i> , 2004 , 43, 11828-35	3.2	21
55	Structural perturbations induced by the alpha-anomer of the aflatoxin B(1) formamidopyrimidine adduct in duplex and single-strand DNA. <i>Journal of the American Chemical Society</i> , 2009 , 131, 16096-107	16.4	20
54	Structural refinement of the 8,9-dihydro-8-(N7-guanyl)-9-hydroxy-aflatoxin B(1) adduct in a 5VCp(AFB)G-3Vsequence. <i>Chemical Research in Toxicology</i> , 2002 , 15, 638-47	4	20
53	Intercalation of the (1S,2R,3S,4R)-N6-[1-(1,2,3,4-tetrahydro-2,3,4-trihydroxybenz[a]anthracenyl)]-2Vdeoxyadenosyl adduct in an oligodeoxynucleotide containing the human N-ras codon 61 sequence. <i>Biochemistry</i> , 1999 , 38, 16045-57	3.2	20
52	The cis-(5R,6S)-thymine glycol lesion occupies the wobble position when mismatched with deoxyguanosine in DNA. <i>Biochemistry</i> , 2009 , 48, 9722-33	3.2	19
51	Orientation of the crotonaldehyde-derived N2-[3-Oxo-1(S)-methyl-propyl]-dG DNA adduct hinders interstrand cross-link formation in the 5VCpG-3Vsequence. <i>Chemical Research in Toxicology</i> , 2006 , 19, 1019-29	4	19
50	Refined structure of the doubly intercalated d(TATAFBGCATA) ₂ aflatoxin B1 adduct. <i>Chemical Research in Toxicology</i> , 1998 , 11, 873-81	4	19
49	Carcinogen-nucleic acid interactions: equilibrium binding studies of aflatoxins B1 and B2 with DNA and the oligodeoxynucleotide d(ATGCAT) ₂ . <i>Journal of Biomolecular Structure and Dynamics</i> , 1988 , 5, 1023-41	3.6	18
48	DNA polymerase β limits chromosomal damage and promotes cell survival following aflatoxin exposure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13774-13779	11.5	17
47	The stereochemistry of trans-4-hydroxynonenal-derived exocyclic 1,N2-2Vdeoxyguanosine adducts modulates formation of interstrand cross-links in the 5VCpG-3Vsequence. <i>Biochemistry</i> , 2008 , 47, 11457-72	3.2	17
46	Intercalation of the (-)-(1R,2S,3R, 4S)-N6-[1-benz[a]anthracenyl]-2Vdeoxyadenosyl adduct in an oligodeoxynucleotide containing the human N-ras codon 61 sequence. <i>Biochemistry</i> , 1999 , 38, 2969-81	3.2	17
45	Rearrangement of the (6S,8R,11S) and (6R,8S,11R) exocyclic 1,N2-deoxyguanosine adducts of trans-4-hydroxynonenal to N2-deoxyguanosine cyclic hemiacetal adducts when placed complementary to cytosine in duplex DNA. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10898-906	16.4	16
44	Stereochemistry modulates the stability of reduced interstrand cross-links arising from R- and S-alpha-CH3-gamma-OH-1,N2-propano-2Vdeoxyguanosine in the 5VCpG-3VDNA sequence. <i>Biochemistry</i> , 2007 , 46, 2608-21	3.2	16

43	Intercalation of the (1R,2S,3R,4S)-N6-[1-(1,2,3,4-tetrahydro-2,3,4-trihydroxybenz[a]anthracenyl)]-2-deoxyadenosyl adduct in the N-ras codon 61 sequence: DNA sequence effects. <i>Biochemistry</i> , 2001 , 40, 6743-55	3.2	16
42	Structure of the 1,N2-etheno-2-deoxyguanosine adduct in duplex DNA at pH 8.6. <i>Chemical Research in Toxicology</i> , 2007 , 20, 1601-11	4	15
41	Stereospecific structural perturbations arising from adenine N(6) butadiene triol adducts in duplex DNA. <i>Chemical Research in Toxicology</i> , 2004 , 17, 1007-19	4	15
40	Structure of a site specific major groove (2S,3S)-N6-(2,3,4-trihydroxybutyl)-2-deoxyadenosyl DNA adduct of butadiene diol epoxide. <i>Chemical Research in Toxicology</i> , 2004 , 17, 717-30	4	15
39	The exocyclic 1,N2-deoxyguanosine pyrimidopurinone M1G is a chemically stable DNA adduct when placed opposite a two-base deletion in the (CpG) ₃ frameshift hotspot of the Salmonella typhimurium hisD3052 gene. <i>Biochemistry</i> , 2001 , 40, 15638-49	3.2	15
38	Structure of the 1,N2-ethenodeoxyguanosine adduct opposite cytosine in duplex DNA: Hoogsteen base pairing at pH 5.2. <i>Chemical Research in Toxicology</i> , 2008 , 21, 1795-805	4	14
37	Stereospecific formation of the (R)-gamma-hydroxytrimethylene interstrand N2-dG:N2-dG cross-link arising from the gamma-OH-1,N2-propano-2-deoxyguanosine adduct in the 5VCpG-3V DNA sequence. <i>Journal of the American Chemical Society</i> , 2009 , 131, 8416-24	16.4	13
36	Thermal stabilization of the DNA duplex by adducts of aflatoxin B1. <i>Biopolymers</i> , 2002 , 65, 190-201	2.2	13
35	The nonmutagenic (R)- and (S)-beta-(N(6)-adenyl)styrene oxide adducts are oriented in the major groove and show little perturbation to DNA structure. <i>Biochemistry</i> , 2001 , 40, 9780-91	3.2	13
34	Structural Basis for Error-Free Bypass of the 5-N-Methylformamidopyrimidine-dG Lesion by Human DNA Polymerase β and Sulfolobus solfataricus P2 Polymerase IV. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7011-4	16.4	12
33	Conformational interconversion of the trans-4-hydroxynonenal-derived (6S,8R,11S) 1,N(2)-deoxyguanosine adduct when mismatched with deoxyadenosine in DNA. <i>Chemical Research in Toxicology</i> , 2009 , 22, 187-200	4	12
32	Wobble dC:dA pairing 5Vto the cationic guanine N7 8,9-dihydro-8-(N7-guanyl)-9-hydroxyaflatoxin B1 adduct: implications for nontargeted AFB1 mutagenesis. <i>Biochemistry</i> , 2003 , 42, 7023-34	3.2	12
31	Structure of the 1,N(2)-propanodeoxyguanosine adduct in a three-base DNA hairpin loop derived from a palindrome in the Salmonella typhimurium hisD3052 gene. <i>Chemical Research in Toxicology</i> , 2002 , 15, 140-52	4	12
30	Mispairing of the 8,9-dihydro-8-(N7-guanyl)-9-hydroxy-aflatoxin B1 adduct with deoxyadenosine results in extrusion of the mismatched dA toward the major groove. <i>Biochemistry</i> , 2002 , 41, 5462-72	3.2	11
29	Replication of a site-specific trans-8,9-dihydro-8-(N7-guanyl)-9-hydroxyaflatoxin B(1) adduct by the exonuclease deficient klenow fragment of DNA polymerase I. <i>Chemical Research in Toxicology</i> , 2000 , 13, 1158-64	4	11
28	Structures of exocyclic R,R- and S,S-N(6),N(6)-(2,3-dihydroxybutan-1,4-diyl)-2-deoxyadenosine adducts induced by 1,2,3,4-diepoxybutane. <i>Chemical Research in Toxicology</i> , 2014 , 27, 805-17	4	10
27	Formation of a N2-dG:N2-dG carbinolamine DNA cross-link by the trans-4-hydroxynonenal-derived (6S,8R,11S) 1,N2-dG adduct. <i>Journal of the American Chemical Society</i> , 2011 , 133, 16101-10	16.4	10
26	Processing of N-substituted formamidopyrimidine DNA adducts by DNA glycosylases NEIL1 and NEIL3. <i>DNA Repair</i> , 2019 , 73, 49-54	4.3	10

25	Differential base stacking interactions induced by trimethylene interstrand DNA cross-links in the 5VCpG-3Vand 5VGpC-3Vsequence contexts. <i>Chemical Research in Toxicology</i> , 2009 , 22, 1810-6	4	9
24	Site-specific targeting of aflatoxin adduction directed by triple helix formation in the major groove of oligodeoxyribonucleotides. <i>Nucleic Acids Research</i> , 1998 , 26, 1070-5	20.1	9
23	Base-Displaced Intercalated Structure of the N-(2VDeoxyguanosin-8-yl)-3-aminobenzanthrone DNA Adduct. <i>Chemical Research in Toxicology</i> , 2015 , 28, 2253-66	4	8
22	DNA Sequence Modulates Geometrical Isomerism of the trans-8,9-Dihydro-8-(2,6-diamino-4-oxo-3,4-dihydropyrimid-5-yl-formamido)- 9-hydroxy Aflatoxin B1 Adduct. <i>Chemical Research in Toxicology</i> , 2015 , 28, 225-37	4	8
21	Bulge migration of the malondialdehyde OPdG DNA adduct when placed opposite a two-base deletion in the (CpG)3 frameshift hotspot of the Salmonella typhimurium hisD3052 gene. <i>Chemical Research in Toxicology</i> , 2007 , 20, 1200-10	4	8
20	Influence of the R(61,2)- and S(61,2)-alpha-(N6-adenyl)styrene oxide adducts on the A.C mismatched base pair in an oligodeoxynucleotide containing the human N-ras codon 61. <i>Biochemistry</i> , 1999 , 38, 8635-46	3.2	7
19	Recognition of DNA adducts by edited and unedited forms of DNA glycosylase NEIL1. <i>DNA Repair</i> , 2020 , 85, 102741	4.3	7
18	Base-Displaced Intercalated Conformation of the 2-Amino-3-methylimidazo[4,5-f]quinoline N(2)-dG DNA Adduct Positioned at the Nonreiterated G(1) in the NarI Restriction Site. <i>Chemical Research in Toxicology</i> , 2015 , 28, 1455-68	4	5
17	Major groove orientation of the (2S)-N(6)-(2-hydroxy-3-buten-1-yl)-2Vdeoxyadenosine DNA adduct induced by 1,2-epoxy-3-butene. <i>Chemical Research in Toxicology</i> , 2014 , 27, 1675-86	4	5
16	β-Hydroxy-1,N2-propano-2Vdeoxyguanosine DNA adduct conjugates the N-terminal amine of the KWKK peptide via a carbinolamine linkage. <i>Chemical Research in Toxicology</i> , 2011 , 24, 1123-33	4	5
15	Site-specific synthesis of aflatoxin B(1) adducts within an oligodeoxyribonucleotide containing the human p53 codon 249 sequence. <i>Chemical Research in Toxicology</i> , 1999 , 12, 707-14	4	5
14	Sequence and Stereospecific Consequences of Major Groove β(N6-Adenyl)βstyrene Oxide Adducts in an Oligodeoxynucleotide Containing the Human N-ras Codon 61 Sequence. <i>Magnetic Resonance in Chemistry</i> , 1996 , 34, S105-S114	2.1	5
13	Mechanism of Error-Free Bypass of the Environmental Carcinogen N-(2VDeoxyguanosin-8-yl)-3-aminobenzanthrone Adduct by Human DNA Polymerase β. <i>ChemBioChem</i> , 2016 , 17, 2033-2037	3.8	5
12	Structure of the malondialdehyde deoxyguanosine adduct M1G when placed opposite a two-base deletion in the (CpG)3 frameshift hotspot of the Salmonella typhimurium hisD3052 gene. <i>Advances in Experimental Medicine and Biology</i> , 2001 , 500, 513-6	3.6	5
11	Characterization of rare NEIL1 variants found in East Asian populations. <i>DNA Repair</i> , 2019 , 79, 32-39	4.3	4
10	Aflatoxin-DNA Binding and the Characterization of Aflatoxin B1-Oligodeoxynucleotide Adducts by 1H NMR Spectroscopy. <i>Jerusalem Symposia on Quantum Chemistry and Biochemistry</i> , 1990 , 451-480		4
9	Chemistry and Biology of Aflatoxin-DNA Adducts. <i>ACS Symposium Series</i> , 2011 , 147-166	0.4	3
8	THIONO COMPOUNDS. 9. USE OF SPECTRA TO STUDY INTERMEDIATES IN THE OXIDATION OF THIONO PHOSPHORUS, COMPOUNDS. <i>Phosphorous and Sulfur and the Related Elements</i> , 1988 , 35, 159-172		3

7	Structure of a Stable Interstrand DNA Cross-Link Involving a β -Glycosyl Linkage Between an -dA Amino Group and an Abasic Site. <i>Biochemistry</i> , 2021 , 60, 41-52	3.2	3
6	THIONO COMPOUNDS. 10. STRUCTURES AND REACTIONS OF INTERMEDIATES FROM THE OXIDATION OF PHOSPHOROTHIOATES ^{1,2} . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1989 , 44, 39-52	1	2
5	Configurational and Conformational Equilibria of N-(2-Deoxy-d-erythro-pentofuranosyl)-2,6-diamino-3,4-dihydro-4-oxo-5-N-methylformamidopyrimidine (MeFapy-dG) Lesion in DNA. <i>Chemical Research in Toxicology</i> , 2018 , 31, 924-935	4	2
4	Interstrand DNA Cross-Linking 1,N2-Deoxyguanosine Adducts Derived from β -Unsaturated Aldehydes: Structure-Function Relationships 201-216		2
3	DNA Sequence Modulates the Efficiency of NEIL1-Catalyzed Excision of the Aflatoxin B-Induced Formamidopyrimidine Guanine Adduct. <i>Chemical Research in Toxicology</i> , 2021 , 34, 901-911	4	0
2	Structural Consequences of Epimerization of Thymine Glycol Lesions in Duplex DNA: Implications for DNA Repair. <i>ACS Symposium Series</i> , 2010 , 11-28	0.4	
1	Molecular mechanisms underlying aflatoxin-induced mutagenesis. <i>FASEB Journal</i> , 2013 , 27, lb78	0.9	