

Thomas M Harris

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Improved Strategies for Postoligomerization Synthesis of Oligodeoxynucleotides Bearing Structurally Defined Adducts at the N2 Position of Deoxyguanosine. <i>Chemical Research in Toxicology</i> , 1996, 9, 630-637.	3.3	72
2	Synthesis of Nucleosides and Oligonucleotides Containing Adducts of Acrolein and Vinyl Chloride. <i>Chemical Research in Toxicology</i> , 2000, 13, 421-429.	3.3	70
3	An Intercalated and Thermally Stable FAPY Adduct of Aflatoxin B1 in a DNA Duplex: A Structural Refinement from 1H NMR. <i>Biochemistry</i> , 1998, 37, 4374-4387.	2.5	65
4	Interchain Cross-Linking of DNA Mediated by the Principal Adduct of Acrolein. <i>Chemical Research in Toxicology</i> , 2001, 14, 1482-1485.	3.3	65
5	Reduction of Aflatoxin B1 Dialdehyde by Rat and Human Aldo-keto Reductases. <i>Chemical Research in Toxicology</i> , 2001, 14, 727-737.	3.3	64
6	Mutagenic potential of adenine N6 adducts of monoepoxide and diepoxide derivatives of butadiene. , 2000, 35, 48-56.		57
7	Confirmation by Chemical Synthesis of the Structure of 4-Ipomeanol, a Lung-toxic Metabolite of the Sweet Potato, <i>Ipomoea batatas</i> . <i>Nature: New Biology</i> , 1972, 236, 158-159.	4.5	29
8	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, 1025-1041.	3.5	24
9	The toxin goniodomin, produced by <i>Alexandrium</i> spp., is identical to goniodomin A. <i>Harmful Algae</i> , 2020, 92, 101707.	4.8	19
10	Intercalation of the (1R,2S,3R,4S)-N6-[1-(1,2,3,4)-Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (Tetrahydro-2,3,4-trihydroxybenz[a]anthracene) Sequence: A DNA Sequence Effects. <i>Biochemistry</i> , 2001, 40, 6743-6755.	2.5	16
11	Catalysts of DNA Strand Cleavage at Apurinic/Apyrimidinic Sites. <i>Scientific Reports</i> , 2016, 6, 28894.	3.3	16
12	Acylation of 1,2-Diketones with Dimethyl Malonate to Give 3,5,7-Triketo Esters and Their Cyclization Products. <i>Synthetic Communications</i> , 1982, 12, 621-626.	2.1	13
13	Comparison of the Efficiency of Synthesis Past Single Bulky DNA Adducts in Vivo and in Vitro by the Polymerase III Holoenzyme. <i>Chemical Research in Toxicology</i> , 1996, 9, 1167-1175.	3.3	12
14	Utilization Of Tetrabutylammonium Triphenyldifluorosilicate (TBAT) In The Synthesis of 6-Fluoropurine Nucleosides. <i>Nucleosides & Nucleotides</i> , 1999, 18, 2327-2333.	0.5	12
15	Efficient nonmutagenic replication bypass of DNAs containing γ -adducts of styrene oxide at adenine N6. <i>Environmental and Molecular Mutagenesis</i> , 2001, 38, 357-360.	2.2	10
16	Synthesis and Characterization of Nucleosides and Oligonucleotides with a Benzo[a]pyren-6-ylmethyl Adduct at Adenine N6 or Guanine N2. <i>Chemical Research in Toxicology</i> , 2001, 14, 1306-1314.	3.3	9
17	Algal Toxin Goniodomin A Binds Potassium Ion Selectively to Yield a Conformationally Altered Complex with Potential Biological Consequences. <i>Journal of Natural Products</i> , 2020, 83, 1069-1081.	3.0	9
18	Absolute Configurations of Naturally Occurring [5]- and [3]-Ladderanoic Acids: Isolation, Chiroptical Spectroscopy, and Crystallography. <i>Journal of Natural Products</i> , 2018, 81, 2654-2666.	3.0	8

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19	Electrical Aspects of Adsorbing Colloid Flotation. XVIII. NMR Studies of Sodium Dodecyl Sulfate Sorbed on Al(OD) ₃ . Separation Science and Technology, 1984, 19, 389-402.	2.5	7
20	Influence of the R(61,2)- and S(61,2)-Î±-(N6-Adenyl)styrene Oxide Adducts on the AÂ-C Mismatched Base Pair in an Oligodeoxynucleotide Containing the Human N-ras Codon 61. Biochemistry, 1999, 38, 8635-8646.	2.5	7
21	Preparation of Deoxynucleosides, Deoxynucleotides and Oligodeoxynucleotides Bearing Adducts of PAH Diol Epoxides at the N⁶Position of Adenine. Polycyclic Aromatic Compounds, 1994, 6, 9-16.	2.6	5
22	Investigation of the Mechanism of Racemization of Litronesib in Aqueous Solution: Unexpected Baseâ€Catalyzed Inversion of a Fully Substituted Carbon Chiral Center. Journal of Pharmaceutical Sciences, 2014, 103, 2797-2808.	3.3	5
23	Alkali Metal- and Acid-Catalyzed Interconversion of Goniodomin A with Congeners B and C. Journal of Natural Products, 2021, 84, 2554-2567.	3.0	5
24	Revisiting the toxin profile of Alexandrium pseudogonyaulax; Formation of a desmethyl congener of goniodomin A. Toxicon, 2020, 188, 122-126.	1.6	4
25	Electrical Aspects of Adsorbing Colloid Flotation. XX. NMR Studies of Laurie Acid Solubilization. Separation Science and Technology, 1987, 22, 2269-2279.	2.5	2
26	Characterization of a Monoclonal Antibody Targeting Waterâ€Soluble Petroleum Compounds as Determined by an ELISA Method and by a Biosensor Technology. FASEB Journal, 2008, 22, 676.3.	0.5	0