

# Gregory L Verdine

## List of Publications by Year in descending order

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178  
papers

21,772  
citations

11651

70  
h-index

9103

144  
g-index

182  
all docs

182  
docs citations

182  
times ranked

16515  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Targeted $\beta$ -catenin ubiquitination and degradation by multifunctional stapled peptides. <i>Journal of Peptide Science</i> , 2022, 28, e3389.  | 1.4  | 7         |
| 2  | The trajectory of intrahelical lesion recognition and extrusion by the human 8-oxoguanine DNA glycosylase. <i>Nature Communications</i> , 2020, 11, 4437.   | 12.8 | 23        |
| 3  | A stapled POL $\beta$ peptide targets REV1 to inhibit mutagenic translesion synthesis. <i>Environmental and Molecular Mutagenesis</i> , 2020, 61, 830-836.  | 2.2  | 5         |
| 4  | Genomic discovery of an evolutionarily programmed modality for small-molecule targeting of an intractable protein surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17195-17203. | 7.1  | 40        |
| 5  | Mechanism of DNA Lesion Homing and Recognition by the Uvr Nucleotide Excision Repair System. <i>Research</i> , 2019, 2019, 5641746.   | 5.7  | 10        |
| 6  | Identification of cyclosporin C from <i>Amphichorda felina</i> using a <i>Cryptococcus neoformans</i> differential temperature sensitivity assay. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2337-2350.                     | 3.6  | 15        |
| 7  | Exceptionally high-affinity Ras binders that remodel its effector domain. <i>Journal of Biological Chemistry</i> , 2018, 293, 3265-3280.  | 3.4  | 33        |
| 8  | IMPDH2 Is an Intracellular Target of the Cyclophilin A and Sanglifehrin A Complex. <i>Cell Reports</i> , 2017, 18, 432-442.   | 6.4  | 41        |
| 9  | Structural Basis for the Lesion-scanning Mechanism of the MutY DNA Glycosylase. <i>Journal of Biological Chemistry</i> , 2017, 292, 5007-5017.  | 3.4  | 19        |
| 10 | Total Chemical Synthesis and Folding of All- <i>l</i> - and All- <i>d</i> -Variants of Oncogenic KRas(G12V). <i>Journal of the American Chemical Society</i> , 2017, 139, 7632-7639.  | 13.7 | 41        |
| 11 | Control of phosphorothioate stereochemistry substantially increases the efficacy of antisense oligonucleotides. <i>Nature Biotechnology</i> , 2017, 35, 845-851.  | 17.5 | 246       |
| 12 | Stapled peptide inhibitors of RAB25 target context-specific phenotypes in cancer. <i>Nature Communications</i> , 2017, 8, 660.  | 12.8 | 44        |
| 13 | Non-genotoxic conditioning for hematopoietic stem cell transplantation using a hematopoietic-cell-specific internalizing immunotoxin. <i>Nature Biotechnology</i> , 2016, 34, 738-745.  | 17.5 | 176       |
| 14 | Structural Basis for Avoidance of Promutagenic DNA Repair by MutY Adenine DNA Glycosylase. <i>Journal of Biological Chemistry</i> , 2015, 290, 17096-17105.   | 3.4  | 22        |
| 15 | Towards understanding cell penetration by stapled peptides. <i>MedChemComm</i> , 2015, 6, 111-119.  | 3.4  | 183       |
| 16 | Stitched $\beta$ -Helical Peptides via Bis Ring-Closing Metathesis. <i>Journal of the American Chemical Society</i> , 2014, 136, 12314-12322.   | 13.7 | 137       |
| 17 | A New <i>l</i> - $\beta$ -Peptide Stapling System for $\beta$ -Helix Stabilization. <i>Chemical Biology and Drug Design</i> , 2013, 82, 635-642.  | 3.2  | 34        |
| 18 | Structural and Biochemical Analysis of DNA Helix Invasion by the Bacterial 8-Oxoguanine DNA Glycosylase MutM. <i>Journal of Biological Chemistry</i> , 2013, 288, 10012-10023.  | 3.4  | 24        |

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|----|---|------|-----------|
| 19 | Differentiation Induction In Acute Myeloid Leukemia Using Site-Specific DNA-Targeting. <i>Blood</i> , 2013, 122, 3940-3940.   | 1.4  | 12        |
| 20 | Inhibition of oncogenic Wnt signaling through direct targeting of $\beta$ -catenin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17942-17947.            | 7.1  | 221       |
| 21 | Strandwise translocation of a DNA glycosylase on undamaged DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1086-1091.                                  | 7.1  | 33        |
| 22 | Enforced Presentation of an Extrahelical Guanine to the Lesion Recognition Pocket of Human 8-Oxoguanine Glycosylase, hOGG1. <i>Journal of Biological Chemistry</i> , 2012, 287, 24916-24928.                    | 3.4  | 48        |
| 23 | Structural Origins of DNA Target Selection and Nucleobase Extrusion by a DNA Cytosine Methyltransferase. <i>Journal of Biological Chemistry</i> , 2012, 287, 40099-40105.                                       | 3.4  | 3         |
| 24 | All-hydrocarbon stapled peptides as Synthetic Cell-Accessible Mini-Proteins. <i>Drug Discovery Today: Technologies</i> , 2012, 9, e41-e47.  | 4.0  | 65        |
| 25 | Structure of the Stapled p53 Peptide Bound to Mdm2. <i>Journal of the American Chemical Society</i> , 2012, 134, 103-106.   | 13.7 | 222       |
| 26 | Stapled Peptides for Intracellular Drug Targets. <i>Methods in Enzymology</i> , 2012, 503, 3-33.  | 1.0  | 370       |
| 27 | Sequence-dependent Structural Variation in DNA Undergoing Intrahelical Inspection by the DNA glycosylase MutM. <i>Journal of Biological Chemistry</i> , 2012, 287, 18044-18054.                                 | 3.4  | 19        |
| 28 | Mapping Targetable Sites on Human Telomerase RNA Pseudoknot/Template Domain Using 2'-OMe RNA-interacting Polynucleotide (RIptide) Microarrays. <i>Journal of Biological Chemistry</i> , 2012, 287, 18843-18853. | 3.4  | 12        |
| 29 | Synthesis of all-hydrocarbon stapled $\alpha$ -helical peptides by ring-closing olefin metathesis. <i>Nature Protocols</i> , 2011, 6, 761-771.  | 12.0 | 328       |
| 30 | Entrapment and Structure of an Extrahelical Guanine Attempting to Enter the Active Site of a Bacterial DNA Glycosylase, MutM. <i>Journal of Biological Chemistry</i> , 2010, 285, 1468-1478.                    | 3.4  | 44        |
| 31 | Structure of Escherichia coli AlkA in Complex with Undamaged DNA. <i>Journal of Biological Chemistry</i> , 2010, 285, 35783-35791.  | 3.4  | 19        |
| 32 | Introduction of All-Hydrocarbon $\alpha$ -Helices into $\alpha$ -Helices via Ring-Closing Olefin Metathesis. <i>Organic Letters</i> , 2010, 12, 3046-3049.  | 4.6  | 106       |
| 33 | Cilia and Hedgehog Signaling in the Mouse Embryo. , 2010, 102, 103-115.   |      | 9         |
| 34 | Protein Transport in and out of the Endoplasmic Reticulum. , 2010, 102, 51-72.  |      | 0         |
| 35 | Tracking the Road from Inflammation to Cancer: the Critical Role of $\text{I}\kappa\text{B}$ Kinase (IKK). , 2010, 102, 133-151.  |      | 8         |
| 36 | Signaling Networks that Control Synapse Development and Cognitive Function. , 2010, 102, 73-102.  |      | 1         |

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|----|---|------|-----------|
| 37 | Basal Bodies: Their Roles in Generating Asymmetry. , 2010, 102, 17-50.  |      | 1         |
| 38 | A Structural Model for the Damage-sensing Complex in Bacterial Nucleotide Excision Repair. Journal of Biological Chemistry, 2009, 284, 12837-12844.   | 3.4  | 48        |
| 39 | Atomic substitution reveals the structural basis for substrate adenine recognition and removal by adenine DNA glycosylase. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18497-18502. | 7.1  | 82        |
| 40 | Direct inhibition of the NOTCH transcription factor complex. Nature, 2009, 462, 182-188.  | 27.8 | 712       |
| 41 | Encounter and extrusion of an intrahelical lesion by a DNA repair enzyme. Nature, 2009, 462, 762-766.   | 27.8 | 129       |
| 42 | Nonspecifically bound proteins spin while diffusing along DNA. Nature Structural and Molecular Biology, 2009, 16, 1224-1229.  | 8.2  | 297       |
| 43 | Stereochemical effects of all-hydrocarbon tethers in i,i+4 stapled peptides. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2533-2536.   | 2.2  | 73        |
| 44 | Analysis of an Anomalous Mutant of MutM DNA Glycosylase Leads to New Insights into the Catalytic Mechanism. Journal of the American Chemical Society, 2009, 131, 18208-18209.   | 13.7 | 18        |
| 45 | All-Atom Model for Stabilization of $\alpha$ -Helical Structure in Peptides by Hydrocarbon Staples. Journal of the American Chemical Society, 2009, 131, 4622-4627.   | 13.7 | 104       |
| 46 | Structure of the E. coli DNA Glycosylase AlkA Bound to the Ends of Duplex DNA: A System for the Structure Determination of Lesion-Containing DNA. Structure, 2008, 16, 1166-1174.   | 3.3  | 29        |
| 47 | The Human Cytomegalovirus UL44 C Clamp Wraps around DNA. Structure, 2008, 16, 1214-1225.  | 3.3  | 31        |
| 48 | Synthesis and Structure of Duplex DNA Containing the Genotoxic Nucleobase Lesion N7-Methylguanine. Journal of the American Chemical Society, 2008, 130, 11570-11571.  | 13.7 | 54        |
| 49 | Crystal Structure of Bacillus stearothermophilus UvrA Provides Insight into ATP-Modulated Dimerization, UvrB Interaction, and DNA Binding. Molecular Cell, 2008, 29, 122-133.   | 9.7  | 82        |
| 50 | Trapping and Structural Elucidation of a Very Advanced Intermediate in the Lesion-Extrusion Pathway of hOGG1. Journal of the American Chemical Society, 2008, 130, 7784-7785.   | 13.7 | 27        |
| 51 | The Positively Charged Surface of Herpes Simplex Virus UL42 Mediates DNA Binding. Journal of Biological Chemistry, 2008, 283, 6154-6161.  | 3.4  | 36        |
| 52 | Subunit-specific Protein Footprinting Reveals Significant Structural Rearrangements and a Role for N-terminal Lys-14 of HIV-1 Integrase during Viral DNA Binding. Journal of Biological Chemistry, 2008, 283, 5632-5641.            | 3.4  | 52        |
| 53 | A Stapled p53 Helix Targets HDMX to Overcome Nutlin-3 Resistance and Reactivate the p53 Tumor Suppressor Pathway in Cancer. Blood, 2008, 112, 2645-2645.  | 1.4  | 0         |
| 54 | Structural Characterization of Human 8-Oxoguanine DNA Glycosylase Variants Bearing Active Site Mutations. Journal of Biological Chemistry, 2007, 282, 9182-9194.  | 3.4  | 63        |

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|----|--|------|-----------|
| 55 | Reactivation of the p53 Tumor Suppressor Pathway by a Stapled p53 Peptide. <i>Journal of the American Chemical Society</i> , 2007, 129, 2456-2457.   | 13.7 | 498       |
| 56 | The Challenge of Drugging Undruggable Targets in Cancer: Lessons Learned from Targeting BCL-2 Family Members. <i>Clinical Cancer Research</i> , 2007, 13, 7264-7270.   | 7.0  | 330       |
| 57 | A Concise Synthesis of 4'-Fluoro Nucleosides. <i>Organic Letters</i> , 2007, 9, 5007-5009.   | 4.6  | 28        |
| 58 | Direct Inhibition of the Notch Transactivation Complex with Synthetic Constrained Peptides in T-Cell Acute Lymphoblastic Leukemia.. <i>Blood</i> , 2007, 110, 2819-2819.   | 1.4  | 7         |
| 59 | A Stapled BID BH3 Helix Directly Binds and Activates BAX. <i>Molecular Cell</i> , 2006, 24, 199-210.   | 9.7  | 347       |
| 60 | Crystal structure of <i>Staphylococcus aureus</i> tRNA adenosine deaminase TadA in complex with RNA. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 153-159.   | 8.2  | 151       |
| 61 | Histone H3 recognition and presentation by the WDR5 module of the MLL1 complex. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 704-712.  | 8.2  | 217       |
| 62 | Regulation of MLL1 H3K4 methyltransferase activity by its core components. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 713-719.   | 8.2  | 657       |
| 63 | Integration Requires a Specific Interaction of the Donor DNA Terminal 5'-Cytosine with Glutamine 148 of the HIV-1 Integrase Flexible Loop. <i>Journal of Biological Chemistry</i> , 2006, 281, 461-467.                | 3.4  | 69        |
| 64 | Structure of a DNA Glycosylase Searching for Lesions. <i>Science</i> , 2006, 311, 1153-1157.   | 12.6 | 180       |
| 65 | A base-excision DNA-repair protein finds intrahelical lesion bases by fast sliding in contact with DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5752-5757. | 7.1  | 441       |
| 66 | A nucleobase lesion remodels the interaction of its normal neighbor in a DNA glycosylase complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15020-15025.     | 7.1  | 51        |
| 67 | Anti-Leukemic Potency of Stapled BH3 Helices Correlates with Their Capacity for Bifunctional Activation of Apoptotic Pathways.. <i>Blood</i> , 2006, 108, 711-711.   | 1.4  | 4         |
| 68 | Drugging the "undruggable". <i>Harvey Lectures</i> , 2006, 102, 1-15.  | 0.2  | 1         |
| 69 | Structure of a repair enzyme interrogating undamaged DNA elucidates recognition of damaged DNA. <i>Nature</i> , 2005, 434, 612-618.  | 27.8 | 316       |
| 70 | A Superhelical Spiral in the <i>Escherichia coli</i> DNA Gyrase A C-terminal Domain Imparts Unidirectional Supercoiling Bias. <i>Journal of Biological Chemistry</i> , 2005, 280, 26177-26184.                         | 3.4  | 83        |
| 71 | In vitro selection of RNA aptamers against a composite small molecule-protein surface. <i>Nucleic Acids Research</i> , 2005, 33, 5602-5610.  | 14.5 | 13        |
| 72 | A Methylation-Dependent Electrostatic Switch Controls DNA Repair and Transcriptional Activation by <i>E. coli</i> Ada. <i>Molecular Cell</i> , 2005, 20, 117-129.  | 9.7  | 73        |

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|----|---|------|-----------|
| 73 | Nucleotide-dependent Domain Movement in the ATPase Domain of a Human Type IIA DNA Topoisomerase. <i>Journal of Biological Chemistry</i> , 2005, 280, 37041-37047.   | 3.4  | 191       |
| 74 | Structure of Human Cytidine Deaminase Bound to a Potent Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 658-660.   | 6.4  | 67        |
| 75 | Structural basis for removal of adenine mispaired with 8-oxoguanine by MutY adenine DNA glycosylase. <i>Nature</i> , 2004, 427, 652-656.  | 27.8 | 293       |
| 76 | DNA glycosylase recognition and catalysis. <i>Current Opinion in Structural Biology</i> , 2004, 14, 43-49.  | 5.7  | 172       |
| 77 | Structures of End Products Resulting from Lesion Processing by a DNA Glycosylase/Lyase. <i>Chemistry and Biology</i> , 2004, 11, 1643-1649.   | 6.0  | 29        |
| 78 | Activation of Apoptosis in Vivo by a Hydrocarbon-Stapled BH3 Helix. <i>Science</i> , 2004, 305, 1466-1470.  | 12.6 | 1,236     |
| 79 | Base Excision Repair. <i>Advances in Protein Chemistry</i> , 2004, 69, 1-41.  | 4.4  | 112       |
| 80 | Covalent Trapping of Protein-DNA Complexes. <i>Annual Review of Biochemistry</i> , 2003, 72, 337-366.   | 11.1 | 113       |
| 81 | Product-assisted catalysis in base-excision DNA repair. <i>Nature Structural and Molecular Biology</i> , 2003, 10, 204-211.   | 8.2  | 148       |
| 82 | Structure of a trapped endonuclease III-DNA covalent intermediate. <i>EMBO Journal</i> , 2003, 22, 3461-3471.   | 7.8  | 177       |
| 83 | Structural and Biochemical Exploration of a Critical Amino Acid in Human 8-Oxoguanine Glycosylase. <i>Biochemistry</i> , 2003, 42, 1564-1572.   | 2.5  | 103       |
| 84 | 2,6-Dimethyltyrosine Analogues of a Stereodiversified Ligand Library: A Highly Potent, Selective, Non-Peptidic $\frac{1}{4}$ Opioid Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 677-680. | 6.4  | 22        |
| 85 | Converting the Sacrificial DNA Repair Protein N-Ada into a Catalytic Methyl Phosphotriester Repair Enzyme. <i>Journal of the American Chemical Society</i> , 2003, 125, 1450-1451.                                | 13.7 | 17        |
| 86 | DNA Lesion Recognition by the Bacterial Repair Enzyme MutM. <i>Journal of Biological Chemistry</i> , 2003, 278, 51543-51548.  | 3.4  | 169       |
| 87 | Structure and Specificity of the Vertebrate Anti-Mutator Uracil-DNA Glycosylase SMUG1. <i>Molecular Cell</i> , 2003, 11, 1647-1659.   | 9.7  | 127       |
| 88 | Extensively Stereodiversified Scaffolds for Use in Diversity-Oriented Library Synthesis. <i>Organic Letters</i> , 2003, 5, 621-624.   | 4.6  | 25        |
| 89 | Unpredictable Stereochemical Preferences for Mu Opioid Receptor Activity in an Exhaustively Stereodiversified Library of 1,4-Enediols. <i>Organic Letters</i> , 2003, 5, 633-636.                                 | 4.6  | 25        |
| 90 | A genotyping strategy based on incorporation and cleavage of chemically modified nucleotides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11073-11078.     | 7.1  | 27        |

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|-----|--|------|-----------|
| 91  | 5-Amino-2â€-deoxyuridine, a Novel Thymidine Analogue for High-Resolution Footprinting of Proteinâˆ“DNA Complexes. <i>Organic Letters</i> , 2002, 4, 3867-3869.   | 4.6  | 11        |
| 92  | Conformational Analysis of a Stereochemically Complete Set of Cis-enediol Peptide Analogues. <i>Journal of the American Chemical Society</i> , 2002, 124, 11131-11141.                                       | 13.7 | 11        |
| 93  | High-Affinity Mu Opioid Receptor Ligands Discovered by the Screening of an Exhaustively Stereodiversified Library of 1,5-Enediols. <i>Journal of the American Chemical Society</i> , 2002, 124, 13352-13353. | 13.7 | 49        |
| 94  | Direct Visualization of a DNA Glycosylase Searching for Damage. <i>Chemistry and Biology</i> , 2002, 9, 345-350.   | 6.0  | 95        |
| 95  | Trapping Distinct Structural States of a Protein/DNA Interaction through Disulfide Crosslinking. <i>Chemistry and Biology</i> , 2002, 9, 1297-1303.  | 6.0  | 30        |
| 96  | High-resolution footprinting of sequence-specific proteinâˆ“DNA contacts. <i>Nature Biotechnology</i> , 2002, 20, 183-186.   | 17.5 | 15        |
| 97  | Structural insights into lesion recognition and repair by the bacterial 8-oxoguanine DNA glycosylase MutM. , 2002, 9, 544-52.  |      | 100       |
| 98  | Template-Directed Interference Footprinting of Proteinâˆ“Phosphate Contacts in DNA. <i>Organic Letters</i> , 2001, 3, 71-74.   | 4.6  | 1         |
| 99  | The Synthesis of an Exhaustively Stereodiversified Library of cis-1,5 Enediols by Silyl-Tethered Ring-Closing Metathesis. <i>Organic Letters</i> , 2001, 3, 2157-2159.                                       | 4.6  | 42        |
| 100 | A Synthetic Library of Cell-Permeable Molecules. <i>Journal of the American Chemical Society</i> , 2001, 123, 398-408.   | 13.7 | 82        |
| 101 | Coupling of Substrate Recognition and Catalysis by a Human Base-Excision DNA Repair Protein. <i>Journal of the American Chemical Society</i> , 2001, 123, 359-360.   | 13.7 | 79        |
| 102 | Concise enantio- and diastereoselective synthesis of $\beta$ -hydroxy- $\beta$ -methyl- $\beta$ -amino acids. <i>Tetrahedron Letters</i> , 2001, 42, 3563-3565.  | 1.4  | 37        |
| 103 | Structural basis for recognition and repair of the endogenous mutagen 8-oxoguanine in DNA. <i>Nature</i> , 2000, 403, 859-866.   | 27.8 | 894       |
| 104 | Trapping of a catalytic HIV reverse transcriptaseâˆ“template:primer complex through a disulfide bond. <i>Chemistry and Biology</i> , 2000, 7, 355-364.   | 6.0  | 63        |
| 105 | A Modular Synthetic Approach toward Exhaustively Stereodiversified Ligand Libraries. <i>Organic Letters</i> , 2000, 2, 3999-4002.  | 4.6  | 41        |
| 106 | An All-Hydrocarbon Cross-Linking System for Enhancing the Helicity and Metabolic Stability of Peptides. <i>Journal of the American Chemical Society</i> , 2000, 122, 5891-5892.                              | 13.7 | 892       |
| 107 | A Small Region in HMG I(Y) Is Critical for Cooperation with NF- $\kappa$ B on DNA. <i>Journal of Biological Chemistry</i> , 1999, 274, 20235-20243.  | 3.4  | 30        |
| 108 | The amazing demethylase. <i>Nature</i> , 1999, 397, 568-569.   | 27.8 | 68        |

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|-----|---|------|-----------|
| 109 | Identification of a new uracil-DNA glycosylase family by expression cloning using synthetic inhibitors. <i>Current Biology</i> , 1999, 9, 174-185.                            | 3.9  | 200       |
| 110 | Repair of oxidatively damaged guanine in <i>Saccharomyces cerevisiae</i> by an alternative pathway. <i>Current Biology</i> , 1998, 8, 393-404.                                | 3.9  | 79        |
| 111 | Solution Structure of the Core NFATC1/DNA Complex. <i>Cell</i> , 1998, 92, 687-696.   | 28.9 | 101       |
| 112 | Crystal Structure of a Human Alkylbase-DNA Repair Enzyme Complexed to DNA. <i>Cell</i> , 1998, 95, 249-258.   | 28.9 | 284       |
| 113 | Structure of a Covalently Trapped Catalytic Complex of HIV-1 Reverse Transcriptase: Implications for Drug Resistance. <i>Science</i> , 1998, 282, 1669-1675.                  | 12.6 | 1,317     |
| 114 | Specific Binding of a Designed Pyrrolidine Abasic Site Analog to Multiple DNA Glycosylases. <i>Journal of Biological Chemistry</i> , 1998, 273, 8592-8597.                    | 3.4  | 93        |
| 115 | Disulfide Cross-linking as a Mechanistic Probe for the B <sup>‡</sup> Z Transition in DNA. <i>Journal of the American Chemical Society</i> , 1997, 119, 6927-6928.            | 13.7 | 21        |
| 116 | Unusually Strong Binding of a Designed Transition-State Analog to a Base-Excision DNA Repair Protein. <i>Journal of the American Chemical Society</i> , 1997, 119, 7865-7866. | 13.7 | 58        |
| 117 | A Chemical Method for Site-Specific Modification of RNA: The Convertible Nucleoside Approach. <i>Journal of the American Chemical Society</i> , 1997, 119, 7423-7433.         | 13.7 | 118       |
| 118 | Induced $\alpha$ -Helix in the VP16 Activation Domain upon Binding to a Human TAF. <i>Science</i> , 1997, 277, 1310-1313.   | 12.6 | 293       |
| 119 | DNA (cytosine-5)-methyltransferases in mouse cells and tissues. studies with a mechanism-based probe. <i>Journal of Molecular Biology</i> , 1997, 270, 385-395.               | 4.2  | 321       |
| 120 | Unusual Rel-like architecture in the DNA-binding domain of the transcription factor NFATc. <i>Nature</i> , 1997, 385, 172-176.  | 27.8 | 103       |
| 121 | Selective base-pair destabilization enhances binding of a DNA methyltransferase. <i>Tetrahedron</i> , 1997, 53, 12041-12056.  | 1.9  | 9         |
| 122 | A mammalian DNA repair enzyme that excises oxidatively damaged guanines maps to a locus frequently lost in lung cancer. <i>Current Biology</i> , 1997, 7, 397-407.            | 3.9  | 318       |
| 123 | How do DNA repair proteins locate damaged bases in the genome?. <i>Chemistry and Biology</i> , 1997, 4, 329-334.  | 6.0  | 90        |
| 124 | Chemical approaches toward understanding base excision DNA repair. <i>Current Opinion in Chemical Biology</i> , 1997, 1, 526-531.   | 6.1  | 15        |
| 125 | Template-Directed Interference Footprinting of Protein-Adenine Contacts. <i>Journal of the American Chemical Society</i> , 1996, 118, 6116-6120.                              | 13.7 | 16        |
| 126 | Mammalian DNA cytosine-5 methyltransferase interacts with p23 protein. <i>FEBS Letters</i> , 1996, 392, 179-183.  | 2.8  | 15        |



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|-----|---|------|-----------|
| 127 | Structural Basis for the Excision Repair of Alkylation-Damaged DNA. <i>Cell</i> , 1996, 86, 321-329.  | 28.9 | 258       |
| 128 | Immobilized metal affinity chromatography of DNA. <i>Nucleic Acids Research</i> , 1996, 24, 3806-3810.  | 14.5 | 26        |
| 129 | Cloning of a yeast 8-oxoguanine DNA glycosylase reveals the existence of a base-excision DNA-repair protein superfamily. <i>Current Biology</i> , 1996, 6, 968-980.         | 3.9  | 447       |
| 130 | The leucine zipper domain controls the orientation of AP-1 in the NFAT-AP-1-DNA complex. <i>Chemistry and Biology</i> , 1996, 3, 981-991.                                   | 6.0  | 117       |
| 131 | Structural Determinants for Specific Recognition by T4 Endonuclease V. <i>Journal of Biological Chemistry</i> , 1996, 271, 32147-32152.                                     | 3.4  | 27        |
| 132 | Metal Dependence of Transcriptional Switching in <i>Escherichia coli</i> Ada. <i>Journal of Biological Chemistry</i> , 1995, 270, 6664-6670.                                | 3.4  | 38        |
| 133 | Only one of the two DNA-bound orientations of AP-1 found in solution cooperates with NFATp. <i>Current Biology</i> , 1995, 5, 882-889.                                      | 3.9  | 63        |
| 134 | Structure of the NF- $\kappa$ B p50 homodimer bound to DNA. <i>Nature</i> , 1995, 373, 311-317.   | 27.8 | 531       |
| 135 | Deconstruction of GCN4/GCRE into a monomeric peptide-DNA complex. <i>Nature Structural and Molecular Biology</i> , 1995, 2, 450-457.  | 8.2  | 38        |
| 136 | Modifying the helical structure of DNA by design: recruitment of an architecture-specific protein to an enforced DNA bend. <i>Chemistry and Biology</i> , 1995, 2, 213-221. | 6.0  | 58        |
| 137 | A Designed Inhibitor of Base-Excision DNA Repair. <i>Journal of the American Chemical Society</i> , 1995, 117, 10781-10782.   | 13.7 | 58        |
| 138 | Specific binding of the DNA repair enzyme AlkA to a pyrrolidine-based inhibitor. <i>Journal of the American Chemical Society</i> , 1995, 117, 6623-6624.                    | 13.7 | 54        |
| 139 | Direct Activation of the Methyl Chemosensor Protein N-Ada by CH3I. <i>Journal of the American Chemical Society</i> , 1995, 117, 10749-10750.                                | 13.7 | 20        |
| 140 | The crystal structure of HaeIII methyltransferase covalently complexed to DNA: An extrahelical cytosine and rearranged base pairing. <i>Cell</i> , 1995, 82, 143-153.       | 28.9 | 399       |
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| 177 | Active Members. , 0, , 179-189.   |      | 0         |
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