

# Gregory L Verdine

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3446590/gregory-l-verdine-publications-by-year.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

179  
papers

19,278  
citations

68  
h-index

137  
g-index

182  
ext. papers

20,502  
ext. citations

14.8  
avg, IF

6.58  
L-index

#	Paper	IF	Citations
179	Targeted E-catenin ubiquitination and degradation by multifunctional stapled peptides.. <i>Journal of Peptide Science</i> , <b>2021</b> , e3389	2.1	0
178	A stapled POL I peptide targets REV1 to inhibit mutagenic translesion synthesis. <i>Environmental and Molecular Mutagenesis</i> , <b>2020</b> , 61, 830-836	3.2	2
177	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> , <b>2020</b> , 117, 17195-17203	11.5	15
176	The trajectory of intrahelical lesion recognition and extrusion by the human 8-oxoguanine DNA glycosylase. <i>Nature Communications</i> , <b>2020</b> , 11, 4437	17.4	6
175	Mechanism of DNA Lesion Homing and Recognition by the Uvr Nucleotide Excision Repair System. <i>Research</i> , <b>2019</b> , 2019, 5641746	7.8	5
174	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> , <b>2018</b> , 102, 2337-2350	5.7	11
173	Exceptionally high-affinity Ras binders that remodel its effector domain. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 3265-3280	5.4	21
172	IMP2H2 Is an Intracellular Target of the Cyclophilin A and Sangliferin A Complex. <i>Cell Reports</i> , <b>2017</b> , 18, 432-442	10.6	25
171	Structural Basis for the Lesion-scanning Mechanism of the MutY DNA Glycosylase. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 5007-5017	5.4	14
170	Total Chemical Synthesis and Folding of All-l and All-d Variants of Oncogenic KRas(G12V). <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 7632-7639	16.4	28
169	Control of phosphorothioate stereochemistry substantially increases the efficacy of antisense oligonucleotides. <i>Nature Biotechnology</i> , <b>2017</b> , 35, 845-851	44.5	160
168	Stapled peptide inhibitors of RAB25 target context-specific phenotypes in cancer. <i>Nature Communications</i> , <b>2017</b> , 8, 660	17.4	34
167	Non-genotoxic conditioning for hematopoietic stem cell transplantation using a hematopoietic-cell-specific internalizing immunotoxin. <i>Nature Biotechnology</i> , <b>2016</b> , 34, 738-45	44.5	121
166	Structural Basis for Avoidance of Promutagenic DNA Repair by MutY Adenine DNA Glycosylase. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 17096-105	5.4	18
165	Towards understanding cell penetration by stapled peptides. <i>MedChemComm</i> , <b>2015</b> , 6, 111-119	5	151
164	Stitched Helical peptides via bis ring-closing metathesis. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 12314-22	16.4	105
163	Targeting the Transcriptional Hub E-catenin Using Stapled Peptides <b>2014</b> , 365-378		

162	A new i, i + 3 peptide stapling system for $\beta$ helix stabilization. <i>Chemical Biology and Drug Design</i> , <b>2013</b> , 82, 635-42	2.9	26
161	Structural and biochemical analysis of DNA helix invasion by the bacterial 8-oxoguanine DNA glycosylase MutM. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 10012-10023	5.4	23
160	Differentiation Induction In Acute Myeloid Leukemia Using Site-Specific DNA-Targeting. <i>Blood</i> , <b>2013</b> , 122, 3940-3940	2.2	1
159	All-hydrocarbon stapled peptides as Synthetic Cell-Accessible Mini-Proteins. <i>Drug Discovery Today: Technologies</i> , <b>2012</b> , 9, e1-e70	7.1	58
158	Structure of the stapled p53 peptide bound to Mdm2. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 103-6	16.4	192
157	Stapled peptides for intracellular drug targets. <i>Methods in Enzymology</i> , <b>2012</b> , 503, 3-33	1.7	329
156	Sequence-dependent structural variation in DNA undergoing intrahelical inspection by the DNA glycosylase MutM. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 18044-54	5.4	18
155	Mapping targetable sites on human telomerase RNA pseudoknot/template domain using 2'-OMe RNA-interacting polynucleotide (RIPTide) microarrays. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 18843-53	5.4	12
154	Inhibition of oncogenic Wnt signaling through direct targeting of Ectenin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 17942-7	11.5	183
153	Strandwise translocation of a DNA glycosylase on undamaged DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 1086-91	11.5	31
152	Enforced presentation of an extrahelical guanine to the lesion recognition pocket of human 8-oxoguanine glycosylase, hOGG1. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 24916-28	5.4	44
151	Structural origins of DNA target selection and nucleobase extrusion by a DNA cytosine methyltransferase. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 40099-105	5.4	1
150	Synthesis of all-hydrocarbon stapled $\beta$ helical peptides by ring-closing olefin metathesis. <i>Nature Protocols</i> , <b>2011</b> , 6, 761-71	18.8	273
149	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> , <b>2010</b> , 285, 1468-78	5.4	43
148	Structure of Escherichia coli AlkA in complex with undamaged DNA. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 35783-91	5.4	18
147	Introduction of all-hydrocarbon i,i+3 staples into alpha-helices via ring-closing olefin metathesis. <i>Organic Letters</i> , <b>2010</b> , 12, 3046-9	6.2	99
146	A structural model for the damage-sensing complex in bacterial nucleotide excision repair. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 12837-44	5.4	38
145	Atomic substitution reveals the structural basis for substrate adenine recognition and removal by adenine DNA glycosylase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 18497-502	11.5	66

144	Direct inhibition of the NOTCH transcription factor complex. <i>Nature</i> , <b>2009</b> , 462, 182-8	50.4	639
143	Encounter and extrusion of an intrahelical lesion by a DNA repair enzyme. <i>Nature</i> , <b>2009</b> , 462, 762-6	50.4	118
142	Nonspecifically bound proteins spin while diffusing along DNA. <i>Nature Structural and Molecular Biology</i> , <b>2009</b> , 16, 1224-9	17.6	252
141	Stereochemical effects of all-hydrocarbon tethers in i,i+4 stapled peptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2009</b> , 19, 2533-6	2.9	70
140	Analysis of an anomalous mutant of MutM DNA glycosylase leads to new insights into the catalytic mechanism. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 18208-9	16.4	17
139	All-atom model for stabilization of alpha-helical structure in peptides by hydrocarbon staples. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 4622-7	16.4	92
138	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. <i>Structure</i> , <b>2008</b> , 16, 1166-74	5.2	27
137	The human cytomegalovirus UL44 C clamp wraps around DNA. <i>Structure</i> , <b>2008</b> , 16, 1214-25	5.2	27
136	Synthesis and structure of duplex DNA containing the genotoxic nucleobase lesion N7-methylguanine. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 11570-1	16.4	44
135	Crystal structure of <i>Bacillus stearothermophilus</i> UvrA provides insight into ATP-modulated dimerization, UvrB interaction, and DNA binding. <i>Molecular Cell</i> , <b>2008</b> , 29, 122-33	17.6	72
134	Trapping and structural elucidation of a very advanced intermediate in the lesion-extrusion pathway of hOGG1. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 7784-5	16.4	23
133	The positively charged surface of herpes simplex virus UL42 mediates DNA binding. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 6154-61	5.4	30
132	Subunit-specific protein footprinting reveals significant structural rearrangements and a role for N-terminal Lys-14 of HIV-1 Integrase during viral DNA binding. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 5632-41	5.4	48
131	A Stapled p53 Helix Targets HDMX to Overcome Nutlin-3 Resistance and Reactivate the p53 Tumor Suppressor Pathway in Cancer. <i>Blood</i> , <b>2008</b> , 112, 2645-2645	2.2	
130	The challenge of drugging undruggable targets in cancer: lessons learned from targeting BCL-2 family members. <i>Clinical Cancer Research</i> , <b>2007</b> , 13, 7264-70	12.9	292
129	A concise synthesis of 4'-fluoro nucleosides. <i>Organic Letters</i> , <b>2007</b> , 9, 5007-9	6.2	22
128	Structural characterization of human 8-oxoguanine DNA glycosylase variants bearing active site mutations. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 9182-94	5.4	59
127	Reactivation of the p53 tumor suppressor pathway by a stapled p53 peptide. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 2456-7	16.4	431

126	Direct Inhibition of the Notch Transactivation Complex with Synthetic Constrained Peptides in T-Cell Acute Lymphoblastic Leukemia.. <i>Blood</i> , <b>2007</b> , 110, 2819-2819	2.2	2
125	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> , <b>2006</b> , 281, 461-7	5.4	61
124	Structure of a DNA glycosylase searching for lesions. <i>Science</i> , <b>2006</b> , 311, 1153-7	33.3	163
123	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> , <b>2006</b> , 103, 5752-7	11.5	379
122	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> , <b>2006</b> , 103, 15020-5	11.5	47
121	A stapled BID BH3 helix directly binds and activates BAX. <i>Molecular Cell</i> , <b>2006</b> , 24, 199-210	17.6	319
120	Crystal structure of Staphylococcus aureus tRNA adenosine deaminase TadA in complex with RNA. <i>Nature Structural and Molecular Biology</i> , <b>2006</b> , 13, 153-9	17.6	127
119	Histone H3 recognition and presentation by the WDR5 module of the MLL1 complex. <i>Nature Structural and Molecular Biology</i> , <b>2006</b> , 13, 704-12	17.6	191
118	Regulation of MLL1 H3K4 methyltransferase activity by its core components. <i>Nature Structural and Molecular Biology</i> , <b>2006</b> , 13, 713-9	17.6	543
117	Anti-Leukemic Potency of Stapled BH3 Helices Correlates with Their Capacity for Bifunctional Activation of Apoptotic Pathways.. <i>Blood</i> , <b>2006</b> , 108, 711-711	2.2	
116	Protein transport in and out of the endoplasmic reticulum. <i>Harvey Lectures</i> , <b>2006</b> , 102, 51-72		
115	Tracking the road from inflammation to cancer: the critical role of I $\kappa$ B kinase (IKK). <i>Harvey Lectures</i> , <b>2006</b> , 102, 133-51		8
114	Signaling networks that control synapse development and cognitive function. <i>Harvey Lectures</i> , <b>2006</b> , 102, 73-102		1
113	Basal bodies: their roles in generating asymmetry. <i>Harvey Lectures</i> , <b>2006</b> , 102, 17-50		1
112	Cilia and Hedgehog signaling in the mouse embryo. <i>Harvey Lectures</i> , <b>2006</b> , 102, 103-15		8
111	Drugging the "undruggable". <i>Harvey Lectures</i> , <b>2006</b> , 102, 1-15		1
110	In vitro selection of RNA aptamers against a composite small molecule-protein surface. <i>Nucleic Acids Research</i> , <b>2005</b> , 33, 5602-10	20.1	10
109	A methylation-dependent electrostatic switch controls DNA repair and transcriptional activation by <i>E. coli</i> ada. <i>Molecular Cell</i> , <b>2005</b> , 20, 117-29	17.6	63

108	Nucleotide-dependent domain movement in the ATPase domain of a human type IIA DNA topoisomerase. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 37041-7	5.4	162
107	Structure of human cytidine deaminase bound to a potent inhibitor. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 658-60	8.3	60
106	Structure of a repair enzyme interrogating undamaged DNA elucidates recognition of damaged DNA. <i>Nature</i> , <b>2005</b> , 434, 612-8	50.4	289
105	A superhelical spiral in the Escherichia coli DNA gyrase A C-terminal domain imparts unidirectional supercoiling bias. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 26177-84	5.4	77
104	Structural basis for removal of adenine mispaired with 8-oxoguanine by MutY adenine DNA glycosylase. <i>Nature</i> , <b>2004</b> , 427, 652-6	50.4	257
103	DNA glycosylase recognition and catalysis. <i>Current Opinion in Structural Biology</i> , <b>2004</b> , 14, 43-9	8.1	160
102	Structures of end products resulting from lesion processing by a DNA glycosylase/lyase. <i>Chemistry and Biology</i> , <b>2004</b> , 11, 1643-9		28
101	Activation of apoptosis in vivo by a hydrocarbon-stapled BH3 helix. <i>Science</i> , <b>2004</b> , 305, 1466-70	33.3	1098
100	Base excision repair. <i>Advances in Protein Chemistry</i> , <b>2004</b> , 69, 1-41		98
99	Covalent trapping of protein-DNA complexes. <i>Annual Review of Biochemistry</i> , <b>2003</b> , 72, 337-66	29.1	107
98	Product-assisted catalysis in base-excision DNA repair. <i>Nature Structural and Molecular Biology</i> , <b>2003</b> , 10, 204-11	17.6	131
97	Structure of a trapped endonuclease III-DNA covalent intermediate. <i>EMBO Journal</i> , <b>2003</b> , 22, 3461-71	13	150
96	Structural and biochemical exploration of a critical amino acid in human 8-oxoguanine glycosylase. <i>Biochemistry</i> , <b>2003</b> , 42, 1564-72	3.2	95
95	2,6-Dimethyltyrosine analogues of a stereodiversified ligand library: highly potent, selective, non-peptidic mu opioid receptor agonists. <i>Journal of Medicinal Chemistry</i> , <b>2003</b> , 46, 677-80	8.3	20
94	Converting the sacrificial DNA repair protein N-ada into a catalytic methyl phosphotriester repair enzyme. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 1450-1	16.4	15
93	DNA lesion recognition by the bacterial repair enzyme MutM. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 51543-8	5.4	156
92	Structure and specificity of the vertebrate anti-mutator uracil-DNA glycosylase SMUG1. <i>Molecular Cell</i> , <b>2003</b> , 11, 1647-59	17.6	110
91	Extensively stereodiversified scaffolds for use in diversity-oriented library synthesis. <i>Organic Letters</i> , <b>2003</b> , 5, 621-4	6.2	24

90	Unpredictable stereochemical preferences for mu opioid receptor activity in an exhaustively stereodiversified library of 1,4-enediols. <i>Organic Letters</i> , <b>2003</b> , 5, 633-6	6.2	25
89	Direct visualization of a DNA glycosylase searching for damage. <i>Chemistry and Biology</i> , <b>2002</b> , 9, 345-50		84
88	Trapping distinct structural states of a protein/DNA interaction through disulfide crosslinking. <i>Chemistry and Biology</i> , <b>2002</b> , 9, 1297-303		29
87	High-resolution footprinting of sequence-specific protein-DNA contacts. <i>Nature Biotechnology</i> , <b>2002</b> , 20, 183-6	44.5	12
86	Structural insights into lesion recognition and repair by the bacterial 8-oxoguanine DNA glycosylase MutM. <i>Nature Structural Biology</i> , <b>2002</b> , 9, 544-52		84
85	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> , <b>2002</b> , 99, 11073-8	11.5	23
84	5-amino-2'-deoxyuridine, a novel thymidine analogue for high-resolution footprinting of protein-DNA complexes. <i>Organic Letters</i> , <b>2002</b> , 4, 3867-9	6.2	10
83	Conformational analysis of a stereochemically complete set of cis-enediol peptide analogues. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 11131-41	16.4	10
82	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> , <b>2002</b> , 124, 13352-3	16.4	47
81	Concise enantio- and diastereoselective synthesis of $\beta$ -hydroxy- $\beta$ -methyl- $\beta$ -amino acids. <i>Tetrahedron Letters</i> , <b>2001</b> , 42, 3563-3565	2	35
80	Template-directed interference footprinting of protein-phosphate contacts in DNA. <i>Organic Letters</i> , <b>2001</b> , 3, 71-4	6.2	
79	The synthesis of an exhaustively stereodiversified library of cis-1,5 enediols by silyl-tethered ring-closing metathesis. <i>Organic Letters</i> , <b>2001</b> , 3, 2157-9	6.2	37
78	A synthetic library of cell-permeable molecules. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 398-408	16.4	72
77	Coupling of substrate recognition and catalysis by a human base-excision DNA repair protein. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 359-60	16.4	75
76	Structural basis for recognition and repair of the endogenous mutagen 8-oxoguanine in DNA. <i>Nature</i> , <b>2000</b> , 403, 859-66	50.4	787
75	Trapping of a catalytic HIV reverse transcriptase*template:primer complex through a disulfide bond. <i>Chemistry and Biology</i> , <b>2000</b> , 7, 355-64		56
74	A modular synthetic approach toward exhaustively stereodiversified ligand libraries. <i>Organic Letters</i> , <b>2000</b> , 2, 3999-4002	6.2	37
73	An All-Hydrocarbon Cross-Linking System for Enhancing the Helicity and Metabolic Stability of Peptides. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 5891-5892	16.4	783

72	A small region in HMG I(Y) is critical for cooperation with NF-kappaB on DNA. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 20235-43	5.4	28
71	Identification of a new uracil-DNA glycosylase family by expression cloning using synthetic inhibitors. <i>Current Biology</i> , <b>1999</b> , 9, 174-85	6.3	184
70	Repair of oxidatively damaged guanine in <i>Saccharomyces cerevisiae</i> by an alternative pathway. <i>Current Biology</i> , <b>1998</b> , 8, 393-403	6.3	75
69	Solution structure of the core NFATC1/DNA complex. <i>Cell</i> , <b>1998</b> , 92, 687-96	56.2	96
68	Crystal structure of a human alkylbase-DNA repair enzyme complexed to DNA: mechanisms for nucleotide flipping and base excision. <i>Cell</i> , <b>1998</b> , 95, 249-58	56.2	252
67	Structure of a covalently trapped catalytic complex of HIV-1 reverse transcriptase: implications for drug resistance. <i>Science</i> , <b>1998</b> , 282, 1669-75	33.3	1205
66	Specific binding of a designed pyrrolidine abasic site analog to multiple DNA glycosylases. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 8592-7	5.4	88
65	Disulfide Cross-linking as a Mechanistic Probe for the B $\rightarrow$ A Transition in DNA. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 6927-6928	16.4	17
64	Unusually Strong Binding of a Designed Transition-State Analog to a Base-Excision DNA Repair Protein. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 7865-7866	16.4	53
63	A Chemical Method for Site-Specific Modification of RNA: The Convertible Nucleoside Approach. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 7423-7433	16.4	109
62	Induced alpha helix in the VP16 activation domain upon binding to a human TAF. <i>Science</i> , <b>1997</b> , 277, 1310-33	9.3	270
61	DNA (cytosine-5)-methyltransferases in mouse cells and tissues. Studies with a mechanism-based probe. <i>Journal of Molecular Biology</i> , <b>1997</b> , 270, 385-95	6.5	298
60	Unusual Rel-like architecture in the DNA-binding domain of the transcription factor NFATc. <i>Nature</i> , <b>1997</b> , 385, 172-6	50.4	89
59	Selective base-pair destabilization enhances binding of a DNA methyltransferase. <i>Tetrahedron</i> , <b>1997</b> , 53, 12041-12056	2.4	7
58	A mammalian DNA repair enzyme that excises oxidatively damaged guanines maps to a locus frequently lost in lung cancer. <i>Current Biology</i> , <b>1997</b> , 7, 397-407	6.3	303
57	How do DNA repair proteins locate damaged bases in the genome?. <i>Chemistry and Biology</i> , <b>1997</b> , 4, 329-34		85
56	Chemical approaches toward understanding base excision DNA repair. <i>Current Opinion in Chemical Biology</i> , <b>1997</b> , 1, 526-31	9.7	13
55	Template-Directed Interference Footprinting of Protein-DNA Adenine Contacts. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 6116-6120	16.4	14



54	Mammalian DNA cytosine-5 methyltransferase interacts with p23 protein. <i>FEBS Letters</i> , <b>1996</b> , 392, 179-838		14
53	Structural basis for the excision repair of alkylation-damaged DNA. <i>Cell</i> , <b>1996</b> , 86, 321-9	56.2	231
52	Immobilized metal affinity chromatography of DNA. <i>Nucleic Acids Research</i> , <b>1996</b> , 24, 3806-10	20.1	23
51	Cloning of a yeast 8-oxoguanine DNA glycosylase reveals the existence of a base-excision DNA-repair protein superfamily. <i>Current Biology</i> , <b>1996</b> , 6, 968-80	6.3	414
50	The leucine zipper domain controls the orientation of AP-1 in the NFAT.AP-1.DNA complex. <i>Chemistry and Biology</i> , <b>1996</b> , 3, 981-91		108
49	Structural determinants for specific recognition by T4 endonuclease V. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 32147-52	5.4	27
48	Structure of the NF-kappa B p50 homodimer bound to DNA. <i>Nature</i> , <b>1995</b> , 373, 311-7	50.4	480
47	Deconstruction of GCN4/GCRE into a monomeric peptide-DNA complex. <i>Nature Structural and Molecular Biology</i> , <b>1995</b> , 2, 450-7	17.6	36
46	Modifying the helical structure of DNA by design: recruitment of an architecture-specific protein to an enforced DNA bend. <i>Chemistry and Biology</i> , <b>1995</b> , 2, 213-21		53
45	A Designed Inhibitor of Base-Excision DNA Repair. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 10781-10782	16.4	54
44	Specific binding of the DNA repair enzyme AlkA to a pyrrolidine-based inhibitor. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 6623-6624	16.4	49
43	Direct Activation of the Methyl Chemosensor Protein N-Ada by CH3I. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 10749-10750	16.4	20
42	The crystal structure of HaeIII methyltransferase covalently complexed to DNA: an extrahelical cytosine and rearranged base pairing. <i>Cell</i> , <b>1995</b> , 82, 143-53	56.2	367
41	Metal dependence of transcriptional switching in Escherichia coli Ada. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 6664-70	5.4	35
40	Only one of the two DNA-bound orientations of AP-1 found in solution cooperates with NFATp. <i>Current Biology</i> , <b>1995</b> , 5, 882-9	6.3	63
39	Construction of an overproduction vector containing the novel srp (sterically repressed) promoter. <i>Protein Science</i> , <b>1994</b> , 3, 132-8	6.3	19
38	The effects of N7-methylguanine on duplex DNA structure. <i>Chemistry and Biology</i> , <b>1994</b> , 1, 235-40		30
37	DNA binding by an amino acid residue in the C-terminal half of the Rel homology region. <i>Chemistry and Biology</i> , <b>1994</b> , 1, 47-55		12

36	Falling out of the fold: tumorigenic mutations and p53. <i>Chemistry and Biology</i> , <b>1994</b> , 1, 79-84		6
35	Metal-coordination sphere in the methylated Ada protein-DNA co-complex. <i>Chemistry and Biology</i> , <b>1994</b> , 1, 91-7		39
34	DNA methyltransferases. <i>Current Opinion in Cell Biology</i> , <b>1994</b> , 6, 380-9	9	231
33	The flip side of DNA methylation. <i>Cell</i> , <b>1994</b> , 76, 197-200	56.2	64
32	Crystallization and preliminary crystallographic analysis of a DNA (cytosine-5)-methyltransferase from <i>Haemophilus aegyptius</i> bound covalently to DNA. <i>Journal of Molecular Biology</i> , <b>1994</b> , 238, 626-9	6.5	11
31	The T-cell transcription factor NFATp is a substrate for calcineurin and interacts with Fos and Jun. <i>Nature</i> , <b>1993</b> , 365, 352-5	50.4	688
30	Mutational separation of DNA binding from catalysis in a DNA cytosine methyltransferase. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 5318-5319	16.4	63
29	Direct observation of a specific contact in the $\lambda$ repressor-OL1 complex by isotope-edited NMR. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 4921-4922	16.4	14
28	Ratcheting torsional stress in duplex DNA. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 12585-12586	16.4	29
27	Molecular dynamics simulations of disulfide cross-linked DNA decamers. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 7569-7583	16.4	20
26	Template-directed interference footprinting of protein-thymine contacts. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 373-374	16.4	20
25	DNA methylation through a locally unpaired intermediate. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 12583-12584	16.4	79
24	Synthesis and characterization of disulfide cross-linked oligonucleotides. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 9006-9014	16.4	80
23	Overproduction of proteins using expression-cassette polymerase chain reaction. <i>Methods in Enzymology</i> , <b>1993</b> , 217, 79-102	1.7	20
22	A multifunctional plasmid for protein expression by ECPCR: overproduction of the p50 subunit of NF- $\kappa$ B. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1993</b> , 3, 1089-1094	2.9	38
21	Limited proteolysis and site-directed mutagenesis of the NF- $\kappa$ B p50 DNA-binding subunit. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1993</b> , 3, 1095-1100	2.9	42
20	A high-capacity column for affinity purification of sequence-specific DNA-binding proteins. <i>Nucleic Acids Research</i> , <b>1992</b> , 20, 3525	20.1	23
19	Aminolysis of 2'-Deoxyinosine Aryl Ethers: Nucleoside Model Studies for the Synthesis of Functionally Tethered Oligonucleotides. <i>Nucleosides &amp; Nucleotides</i> , <b>1992</b> , 11, 1749-1763		19

18	Synthesis of an oligonucleotide suicide substrate for DNA methyltransferases. <i>Journal of Organic Chemistry</i> , <b>1992</b> , 57, 2989-2991	4.2	24
17	Aberrantly methylated DNA: site-specific introduction of N-7-methyl-2'-deoxyguanosine into the Dickerson/Drew dodecamer.. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 6562-6563	16.4	25
16	Synthesis of photoactive DNA: incorporation of 8-bromo-2'-deoxyadenosine into synthetic oligodeoxynucleotides. <i>Tetrahedron Letters</i> , <b>1992</b> , 33, 4265-4268	2	12
15	Protein overproduction for organic chemists. <i>Tetrahedron</i> , <b>1991</b> , 47, 2543-2562	2.4	18
14	Engineering tethered DNA molecules by the convertible nucleoside approach. <i>Tetrahedron</i> , <b>1991</b> , 47, 2603-2616	2.4	105
13	Template-directed interference footprinting of protein-guanine contacts in DNA. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 5104-5106	16.4	20
12	Disulfide-crosslinked oligonucleotides. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 4000-4002	16.4	105
11	Molecular cloning and overexpression of the human FK506-binding protein FKBP. <i>Nature</i> , <b>1990</b> , 346, 671-4	50.4	299
10	Synthesis of functionally tethered oligodeoxynucleotides by the convertible nucleoside approach. <i>Journal of Organic Chemistry</i> , <b>1990</b> , 55, 5931-5933	4.2	114
9	Molecular basis of bacterial resistance to organomercurial and inorganic mercuric salts. <i>FASEB Journal</i> , <b>1988</b> , 2, 124-30	0.9	82
8	Nature of the destruction of deoxyguanosine residues by mitomycin C. <i>Journal of the American Chemical Society</i> , <b>1985</b> , 107, 6120-6121	16.4	20
7	Use of differential second-derivative UV and FTIR spectroscopy in structural studies of multichromophoric compounds. <i>Journal of the American Chemical Society</i> , <b>1985</b> , 107, 6118-6120	16.4	17
6	Circular dichroism spectroscopy as a probe for the stereochemistry of aziridine cleavage reactions of mitomycin C. Application to adducts of mitomycin with DNA constituents. <i>Journal of the American Chemical Society</i> , <b>1984</b> , 106, 7367-7370	16.4	43
5	The base promoted oligomerization of 15-dehydro-prostaglandin B1: dimer formation and structural implications for a complex mixture termed PGBx. <i>Tetrahedron Letters</i> , <b>1983</b> , 24, 991-994	2	15
4	The base promoted oligomerization of a 15-dehydro-PGB1 analog: Structural insights into the complex oligomeric mixture termed PGBX. <i>Tetrahedron Letters</i> , <b>1982</b> , 23, 1967-1970	2	7
3	Active Members 179-189		
2	Former Officers of the Harvey Society 153-168		
1	Drugging the Undruggable 1-15		2

