

Jonathan Brad Chaires

List of Publications by Year in descending order

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185
papers

18,332
citations

18887

64
h-index

15253

130
g-index

220
all docs

220
docs citations

220
times ranked

12351
citing authors

#	ARTICLE	IF	CITATIONS
1	Long promoter sequences form higher-order G-quadruplexes: an integrative structural biology study of <i>c-Myc</i> , <i>k-Ras</i> and <i>c-Kit</i> promoter sequences. <i>Nucleic Acids Research</i> , 2022, 50, 4127-4147.	6.5	23
2	Drug discovery of small molecules targeting the higher-order hTERT promoter G-quadruplex. <i>PLoS ONE</i> , 2022, 17, e0270165.	1.1	11
3	POT1 stability and binding measured by fluorescence thermal shift assays. <i>PLoS ONE</i> , 2021, 16, e0245675.	1.1	6
4	A multi-laboratory benchmark study of isothermal titration calorimetry (ITC) using Ca ²⁺ and Mg ²⁺ binding to EDTA. <i>European Biophysics Journal</i> , 2021, 50, 429-451.	1.2	12
5	The solution structures of higher-order human telomere G-quadruplex multimers. <i>Nucleic Acids Research</i> , 2021, 49, 1749-1768.	6.5	32
6	The hTERT core promoter forms three parallel G-quadruplexes. <i>Nucleic Acids Research</i> , 2020, 48, 5720-5734.	6.5	61
7	Human POT1 unfolds G-quadruplexes by conformational selection. <i>Nucleic Acids Research</i> , 2020, 48, 4976-4991.	6.5	30
8	Putting a New Spin of G-Quadruplex Structure and Binding by Analytical Ultracentrifugation. <i>Methods in Molecular Biology</i> , 2019, 2035, 87-103.	0.4	6
9	Multi-group diagnostic classification of high-dimensional data using differential scanning calorimetry plasma thermograms. <i>PLoS ONE</i> , 2019, 14, e0220765.	1.1	9
10	Folding Landscape of a Parallel G-Quadruplex. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1146-1151.	2.1	35
11	Profusion of G-quadruplexes on both subunits of metazoan ribosomes. <i>PLoS ONE</i> , 2019, 14, e0226177.	1.1	19
12	A rapid fluorescent indicator displacement assay and principal component/cluster data analysis for determination of ligand–nucleic acid structural selectivity. <i>Nucleic Acids Research</i> , 2018, 46, e41-e41.	6.5	28
13	G-Quadruplex Secondary Structure Obtained from Circular Dichroism Spectroscopy. <i>Angewandte Chemie</i> , 2018, 130, 7289-7293.	1.6	49
14	G-Quadruplex Secondary Structure Obtained from Circular Dichroism Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7171-7175.	7.2	333
15	Identification of G-quadruplex forming sequences in three manatee papillomaviruses. <i>PLoS ONE</i> , 2018, 13, e0195625.	1.1	22
16	G-Quadruplex Secondary Structure Obtained from Circular Dichroism Spectroscopy (<i>Angew. Chem.</i> 24/2018). <i>Angewandte Chemie</i> , 2018, 130, 7376-7376.	1.6	0
17	Chapter 4. Thermal Denaturation of Drug–DNA Complexes. <i>Chemical Biology</i> , 2018, , 74-95.	0.1	4
18	Characterization of Quadruplex DNA Structure by Circular Dichroism. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2017, 68, 17.8.1-17.8.16.	0.5	56

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19	Inside-Out PEGylation of Bovine β^2 -Cross-Linked Hemoglobin. <i>Artificial Organs</i> , 2017, 41, 351-358.	1.0	13
20	Conformational profiling of a G-rich sequence within the c-KIT promoter. <i>Nucleic Acids Research</i> , 2017, 45, 13056-13067.	6.5	19
21	Characterization and classification of lupus patients based on plasma thermograms. <i>PLoS ONE</i> , 2017, 12, e0186398.	1.1	13
22	Unraveling the Thermodynamics of the Folding and Interconversion of Human Telomere G-Quadruplexes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10340-10344.	7.2	35
23	Unraveling the Thermodynamics of the Folding and Interconversion of Human Telomere G-Quadruplexes. <i>Angewandte Chemie</i> , 2016, 128, 10496-10500.	1.6	6
24	Preface. <i>Biopolymers</i> , 2015, 103, 417-417.	1.2	0
25	Preface. <i>Biopolymers</i> , 2015, 103, 469-469.	1.2	1
26	A small molecule β -DNA binding landscape. <i>Biopolymers</i> , 2015, 103, 473-479.	1.2	10
27	Hydrodynamic Models of G-Quadruplex Structures. <i>Methods in Enzymology</i> , 2015, 562, 287-304.	0.4	17
28	Biocalorimetry. <i>Methods</i> , 2015, 76, 1-2.	1.9	9
29	Clinical application of plasma thermograms. Utility, practical approaches and considerations. <i>Methods</i> , 2015, 76, 41-50.	1.9	48
30	A Multilaboratory Comparison of Calibration Accuracy and the Performance of External References in Analytical Ultracentrifugation. <i>PLoS ONE</i> , 2015, 10, e0126420.	1.1	71
31	An Improved Model for the hTERT Promoter Quadruplex. <i>PLoS ONE</i> , 2014, 9, e115580.	1.1	55
32	Detection of Cervical Cancer Biomarker Patterns in Blood Plasma and Urine by Differential Scanning Calorimetry and Mass Spectrometry. <i>PLoS ONE</i> , 2014, 9, e84710.	1.1	59
33	Folding and Unfolding Pathways of the Human Telomeric G-Quadruplex. <i>Journal of Molecular Biology</i> , 2014, 426, 1629-1650.	2.0	166
34	Activation of the Proapoptotic Bcl-2 Protein Bax by a Small Molecule Induces Tumor Cell Apoptosis. <i>Molecular and Cellular Biology</i> , 2014, 34, 1198-1207.	1.1	72
35	An Investigation of G-Quadruplex Structural Polymorphism in the Human Telomere Using a Combined Approach of Hydrodynamic Bead Modeling and Molecular Dynamics Simulation. <i>Journal of Physical Chemistry B</i> , 2014, 118, 5390-5405.	1.2	22
36	Calorimetric analysis of the plasma proteome: Identification of type 1 diabetes patients with early renal function decline. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4675-4680.	1.1	20

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37	Thermodynamic characterization of human telomere quadruplex unfolding. <i>Biopolymers</i> , 2013, 99, 1006-1018.	1.2	41
38	Modeling complex equilibria in isothermal titration calorimetry experiments: Thermodynamic parameters estimation for a three-binding-site model. <i>Analytical Biochemistry</i> , 2013, 434, 233-241.	1.1	98
39	Polyethylene glycol binding alters human telomere G-quadruplex structure by conformational selection. <i>Nucleic Acids Research</i> , 2013, 41, 7934-7946.	6.5	122
40	Isothermal folding of G-quadruplexes. <i>Methods</i> , 2012, 57, 47-55.	1.9	20
41	Populated Intermediates in the Thermal Unfolding of the Human Telomeric Quadruplex. <i>Journal of the American Chemical Society</i> , 2012, 134, 16834-16844.	6.6	105
42	Calculation of Hydrodynamic Properties for G-Quadruplex Nucleic Acid Structures from in silico Bead Models. <i>Topics in Current Chemistry</i> , 2012, 330, 179-210.	4.0	18
43	Not all G-quadruplexes are created equally: an investigation of the structural polymorphism of the c-Myc G-quadruplex-forming sequence and its interaction with the porphyrin TMPyP4. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9393.	1.5	55
44	G-quadruplex structure and stability illuminated by 2-aminopurine phasor plots. <i>Nucleic Acids Research</i> , 2012, 40, 4203-4215.	6.5	19
45	Thermodynamic studies for drug design and screening. <i>Expert Opinion on Drug Discovery</i> , 2012, 7, 299-314.	2.5	110
46	Polymorphism and resolution of oncogene promoter quadruplex-forming sequences. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7633.	1.5	34
47	Targeting DNA. <i>Biochimie</i> , 2011, 93, v-vi.	1.3	3
48	Linkage of cation binding and folding in human telomeric quadruplex DNA. <i>Biophysical Chemistry</i> , 2011, 159, 205-209.	1.5	35
49	Structure and Stability of Higher-Order Human Telomeric Quadruplexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 20951-20961.	6.6	165
50	A discovery funnel for nucleic acid binding drug candidates. <i>Drug Development Research</i> , 2011, 72, 178-186.	1.4	21
51	Analysis of Multidimensional G-Quadruplex Melting Curves. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2011, 45, Unit17.4.	0.5	45
52	Probing the Molecular Recognition of a DNA-RNA Hybrid Duplex. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3207-3210.	7.2	11
53	An integrated molecular dynamics (MD) and experimental study of higher order human telomeric quadruplexes. <i>Biopolymers</i> , 2010, 93, 533-548.	1.2	50
54	Statistical analysis of plasma thermograms measured by differential scanning calorimetry. <i>Biophysical Chemistry</i> , 2010, 152, 184-190.	1.5	49

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55	Human telomeric G ⁴ -quadruplex: thermodynamic and kinetic studies of telomeric quadruplex stability. <i>FEBS Journal</i> , 2010, 277, 1098-1106.	2.2	119
56	Hydration Is a Major Determinant of the G-Quadruplex Stability and Conformation of the Human Telomere 3' Sequence of d(AG ₃ (TTAG ₃) ₃). <i>Journal of the American Chemical Society</i> , 2010, 132, 17105-17107.	6.6	197
57	Characterization of a K ⁺ -Induced Conformational Switch in a Human Telomeric DNA Oligonucleotide Using 2-Aminopurine Fluorescence. <i>Biochemistry</i> , 2010, 49, 179-194.	1.2	87
58	Sedimentation Velocity Ultracentrifugation Analysis for Hydrodynamic Characterization of G-Quadruplex Structures. <i>Methods in Molecular Biology</i> , 2010, 608, 97-120.	0.4	19
59	2-Aminopurine as a Probe for Quadruplex Loop Structures. <i>Methods in Molecular Biology</i> , 2010, 608, 121-136.	0.4	31
60	Drug Binding to DNA-RNA Hybrid Structures. <i>Methods in Molecular Biology</i> , 2010, 613, 55-70.	0.4	13
61	Discovery of novel triple helical DNA intercalators by an integrated virtual and actual screening platform. <i>Nucleic Acids Research</i> , 2009, 37, 1280-1287.	6.5	39
62	Differential scanning calorimetry of blood plasma for clinical diagnosis and monitoring. <i>Experimental and Molecular Pathology</i> , 2009, 86, 186-191.	0.9	125
63	Energetics and Kinetics of a Conformational Switch in G-Quadruplex DNA. <i>Journal of Physical Chemistry B</i> , 2009, 113, 2676-2683.	1.2	126
64	Calorimetry Outside the Box: A New Window into the Plasma Proteome. <i>Biophysical Journal</i> , 2008, 94, 1377-1383.	0.2	96
65	Hydration of Drug-DNA Complexes: Greater Water Uptake for Adriamycin Compared to Daunomycin. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5909-5911.	2.9	24
66	The Tail of the Telomere. <i>Journal of the American Chemical Society</i> , 2008, 130, 16530-16532.	6.6	125
67	Molecular Docking of Intercalators and Groove-Binders to Nucleic Acids Using Autodock and Surfex. <i>Journal of Chemical Information and Modeling</i> , 2008, 48, 1602-1615.	2.5	178
68	Calorimetry and Thermodynamics in Drug Design. <i>Annual Review of Biophysics</i> , 2008, 37, 135-151.	4.5	331
69	Targeting DNA. <i>Biochimie</i> , 2008, 90, 973-975.	1.3	11
70	Effect of O ⁶ -Methylguanine on the Stability of G-Quadruplex DNA. <i>Journal of the American Chemical Society</i> , 2008, 130, 6710-6711.	6.6	64
71	Kinetics and mechanism of K ⁺ - and Na ⁺ -induced folding of models of human telomeric DNA into G-quadruplex structures. <i>Nucleic Acids Research</i> , 2008, 36, 4191-4203.	6.5	180
72	Binding: A Polemic and Rough Guide. <i>Methods in Cell Biology</i> , 2008, 84, 1-23.	0.5	12

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73	Stability and kinetics of G-quadruplex structures. <i>Nucleic Acids Research</i> , 2008, 36, 5482-5515.	6.5	644
74	Allostery: DNA Does It, Too. <i>ACS Chemical Biology</i> , 2008, 3, 207-209.	1.6	34
75	Interrogation of the Plasma Proteome with Differential Scanning Calorimetry. <i>Clinical Chemistry</i> , 2007, 53, 2012-2014.	1.5	46
76	Competition dialysis: A method for the study of structural selective nucleic acid binding. <i>Methods</i> , 2007, 42, 173-182.	1.9	44
77	Use of competition dialysis in the discovery of G-quadruplex selective ligands. <i>Methods</i> , 2007, 43, 313-323.	1.9	80
78	Daunomycin Binding to Detergent Micelles: A Model System for Evaluating the Hydrophobic Contribution to Drug-DNA Interactions. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11576-11584.	1.2	25
79	Biophysical Characterization of the Human Telomeric (TTAGGG) ₄ Repeat in a Potassium Solution. <i>Biochemistry</i> , 2007, 46, 4654-4660.	1.2	87
80	Calorimetric Analysis of the Plasma Proteome. <i>Seminars in Nephrology</i> , 2007, 27, 621-626.	0.6	44
81	Energetic basis of molecular recognition in a DNA aptamer. <i>Biophysical Chemistry</i> , 2007, 126, 165-175.	1.5	71
82	Enthalpies of DNA melting in the presence of osmolytes. <i>Biophysical Chemistry</i> , 2007, 126, 176-185.	1.5	63
83	Circular dichroism to determine binding mode and affinity of ligand-DNA interactions. <i>Nature Protocols</i> , 2007, 2, 3166-3172.	5.5	281
84	Design, Synthesis, and Evaluation of Novel Biarylpyrimidines: A New Class of Ligand for Unusual Nucleic Acid Structures. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5187-5198.	2.9	32
85	Synthesis and Biological Evaluation of Bisindenoisoquinolines as Topoisomerase I Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5129-5140.	2.9	37
86	A thermodynamic signature for drug-DNA binding mode. <i>Archives of Biochemistry and Biophysics</i> , 2006, 453, 26-31.	1.4	368
87	Rational selection of small molecules that increase transcription through the GAA repeats found in Friedreich's ataxia. <i>FEBS Letters</i> , 2006, 580, 5399-5405.	1.3	37
88	Sequence- and structural-selective nucleic acid binding revealed by the melting of mixtures. <i>Nucleic Acids Research</i> , 2006, 34, e14-e14.	6.5	29
89	Competition Dialysis: An Assay to Measure the Structural Selectivity of Drug-Nucleic Acid Interactions. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2005, 5, 339-352.	7.0	44
90	Not so crystal clear: the structure of the human telomere G-quadruplex in solution differs from that present in a crystal. <i>Nucleic Acids Research</i> , 2005, 33, 4649-4659.	6.5	335

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91	Oxazine 170 Induces DNA:RNA:DNA Triplex Formation. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 3471-3473.	2.9	21
92	Thermal difference spectra: a specific signature for nucleic acid structures. <i>Nucleic Acids Research</i> , 2005, 33, e138-e138.	6.5	371
93	Molecular recognition of nucleic acids: Coralyne binds strongly to poly(A). <i>FEBS Letters</i> , 2005, 579, 5035-5039.	1.3	106
94	A New Bisintercalating Anthracycline with Picomolar DNA Binding Affinity. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 8209-8219.	2.9	53
95	Structural Selectivity of Aromatic Diamidines. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 5729-5742.	2.9	57
96	Intercalation of Trioxatriangulenium Ion in DNA: Binding, Electron Transfer, X-ray Crystallography, and Electronic Structure. <i>Journal of the American Chemical Society</i> , 2003, 125, 2072-2083.	6.6	72
97	Thermodynamic Characterization of the Binding of Nucleotides to Glycyl-tRNA Synthetase. <i>Biochemistry</i> , 2003, 42, 5333-5340.	1.2	9
98	Enthalpy/Entropy Compensation: Influence of DNA Flanking Sequence on the Binding of 7-Amino Actinomycin D to Its Primary Binding Site in Short DNA Duplexes. <i>Biochemistry</i> , 2003, 42, 11960-11967.	1.2	52
99	Triplex Selective 2-(2-Naphthyl)quinoline Compounds: Origins of Affinity and New Design Principles. <i>Journal of the American Chemical Society</i> , 2003, 125, 7272-7283.	6.6	59
100	Biarylpyrimidines: a new class of ligand for high-order DNA recognition. Electronic supplementary information (ESI) available: experimental details of UV melting studies and example spectroscopic and analytical data. See http://www.rsc.org/suppdata/cc/b3/b301554h/ . <i>Chemical Communications</i> , 2003, 1160-1161.	2.2	11
101	Energetics of echinomycin binding to DNA. <i>Nucleic Acids Research</i> , 2003, 31, 6191-6197.	6.5	88
102	DAUNOMYCIN BINDING TO DEOXYPOLYNUCLEOTIDES WITH ALTERNATING SEQUENCES: COMPLETE THERMODYNAMIC PROFILES OF HETEROGENEOUS BINDING SITES. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2002, 21, 637-649.	0.4	7
103	Tiny telomere DNA. <i>Nucleic Acids Research</i> , 2002, 30, 2307-2315.	6.5	71
104	A Competition Dialysis Assay for the Study of Structure-Selective Ligand Binding to Nucleic Acids. , 2002, Chapter 8, 8.3.1-8.3.8.		16
105	Characterization of DNA Structures by Circular Dichroism. , 2002, Chapter 7, 7.11.1-7.11.8.		32
106	Tight Binding of the Antitumor Drug Ditercalinium to Quadruplex DNA. <i>ChemBioChem</i> , 2002, 3, 1235-1241.	1.3	80
107	Analysis and interpretation of ligand-DNA binding isotherms. <i>Methods in Enzymology</i> , 2001, 340, 3-22.	0.4	67
108	Hydration Changes for DNA Intercalation Reactions. <i>Journal of the American Chemical Society</i> , 2001, 123, 1-7.	6.6	184

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109	Molecular Recognition of a RNA:DNA Hybrid Structure. <i>Journal of the American Chemical Society</i> , 2001, 123, 6742-6743.	6.6	44
110	Interaction of an Acridine Dimer with DNA Quadruplex Structures. <i>Journal of Biomolecular Structure and Dynamics</i> , 2001, 19, 505-513.	2.0	71
111	Rapid screening of structurally selective ligand binding to nucleic acids. <i>Methods in Enzymology</i> , 2001, 340, 99-108.	0.4	37
112	Determining the binding mode of DNA sequence specific compounds. <i>Process Biochemistry</i> , 2001, 37, 521-525.	1.8	42
113	An octakis-intercalating molecule. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 1141-1148.	1.4	17
114	Exploiting anthracycline scaffold for designing DNA-targeting agents. <i>Methods in Enzymology</i> , 2001, 340, 529-555.	0.4	29
115	Equilibrium Unfolding of <i>Bombyx mori</i> Glycyl-tRNA Synthetase. <i>Journal of Biological Chemistry</i> , 2001, 276, 4028-4037.	1.6	20
116	Allosteric, chiral-selective drug binding to DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 12032-12037.	3.3	154
117	NB-506, an indolocarbazole topoisomerase I inhibitor, binds preferentially to triplex DNA. <i>FEBS Letters</i> , 2000, 470, 355-359.	1.3	30
118	Formaldehyde-Induced Alkylation of a 2'-Aminoglucose Rebeccamycin Derivative to Both A•T and G•C Base Pairs in DNA. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 4711-4720.	2.9	16
119	Parsing free energies of drug-DNA interactions. <i>Methods in Enzymology</i> , 2000, 323, 373-405.	0.4	67
120	Analysis of drug-DNA binding data. <i>Methods in Enzymology</i> , 2000, 321, 353-369.	0.4	60
121	Preferential Binding of 3,3'-Diethyloxadiazocyanine to Triplex DNA. <i>Journal of the American Chemical Society</i> , 2000, 122, 424-425.	6.6	51
122	Energetics of DNA Intercalation Reactions. <i>Biochemistry</i> , 2000, 39, 8439-8447.	1.2	272
123	Enhanced Binding to DNA and Topoisomerase I Inhibition by an Analog of the Antitumor Antibiotic Rebeccamycin Containing an Amino Sugar Residue. <i>Molecular Pharmacology</i> , 1999, 55, 377-385.	1.0	60
124	Calories from carbohydrates: energetic contribution of the carbohydrate moiety of rebeccamycin to DNA binding and the effect of its orientation on topoisomerase I inhibition. <i>Chemistry and Biology</i> , 1999, 6, 277-286.	6.2	39
125	Sequence and Structural Selectivity of Nucleic Acid Binding Ligands. <i>Biochemistry</i> , 1999, 38, 16067-16075.	1.2	523
126	Effects of Hydration, Ion Release, and Excluded Volume on the Melting of Triplex and Duplex DNA. <i>Biochemistry</i> , 1999, 38, 496-508.	1.2	225

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127	Substitution at the F-Ring N-Imide of the Indolocarbazole Antitumor Drug NB-506 Increases the Cytotoxicity, DNA Binding, and Topoisomerase I Inhibition Activities. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 2927-2935.	2.9	35
128	Contrasting Hydration Changes for Ethidium and Daunomycin Binding to DNA. <i>Journal of the American Chemical Society</i> , 1999, 121, 2649-2650.	6.6	44
129	Chemical cross-linking of ethidium to DNA by glyoxal. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1998, 1442, 71-81.	2.4	14
130	Drug-DNA interactions. <i>Current Opinion in Structural Biology</i> , 1998, 8, 314-320.	2.6	280
131	Binding of Daunomycin to Diaminopurine- and/or Inosine-Substituted DNA,. <i>Biochemistry</i> , 1998, 37, 1033-1045.	1.2	25
132	Ultratight DNA Binding of a New Bisintercalating Anthracycline Antibiotic. <i>Biochemistry</i> , 1998, 37, 1743-1753.	1.2	109
133	Sequence-Specific DNA Minor Groove Binders. Design and Synthesis of Netropsin and Distamycin Analogues. <i>Bioconjugate Chemistry</i> , 1998, 9, 513-538.	1.8	255
134	Structure-Based Design of a New Bisintercalating Anthracycline Antibiotic. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 261-266.	2.9	150
135	Binding of Two Novel Bisdauorubicins to DNA Studied by NMR Spectroscopy. <i>Biochemistry</i> , 1997, 36, 8663-8670.	1.2	66
136	Structure of a DNA-Bisdauomycin Complex. <i>Biochemistry</i> , 1997, 36, 5940-5946.	1.2	60
137	Thermodynamics of the Binding of a Cationic Lipid to DNA. <i>Journal of the American Chemical Society</i> , 1997, 119, 10920-10928.	6.6	135
138	Specific binding of hoechst 33258 to the d(CGCAAATTTGCG) ₂ duplex: calorimetric and spectroscopic studies. <i>Journal of Molecular Biology</i> , 1997, 271, 244-257.	2.0	297
139	Singular value decomposition of 3-D DNA melting curves reveals complexity in the melting process. <i>European Biophysics Journal</i> , 1997, 26, 419-426.	1.2	59
140	Possible origin of differences between van't Hoff and calorimetric enthalpy estimates. <i>Biophysical Chemistry</i> , 1997, 64, 15-23.	1.5	159
141	Interaction of doxorubicin and its derivatives with DNA: Elucidation by resonance Raman and surface-enhanced resonance Raman spectroscopy. <i>Biospectroscopy</i> , 1997, 3, 307-316.	0.4	39
142	Energetics of drug-DNA interactions. , 1997, 44, 201-215.		377
143	Energetics of drug-DNA interactions. , 1997, 44, 201.		6
144	Parsing the Free Energy of Anthracycline Antibiotic Binding to DNA. <i>Biochemistry</i> , 1996, 35, 2047-2053.	1.2	187

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145	Base Specific and Regioselective Chemical Cross-Linking of Daunorubicin to DNA. Journal of the American Chemical Society, 1996, 118, 4731-4738.	6.6	55
146	Molecular recognition of DNA by Daunorubicin. Advances in DNA Sequence-Specific Agents, 1996, 2, 141-167.	0.3	24
147	Insights from a New Analytical Electrophoresis Apparatus. Journal of Pharmaceutical Sciences, 1996, 85, 1331-1335.	1.6	25
148	Criteria for the mode of binding of DNA binding agents. Bioorganic and Medicinal Chemistry, 1995, 3, 723-728.	1.4	434
149	Selective Stabilization of Triplex DNA by Poly(ethylene glycols). Journal of the American Chemical Society, 1995, 117, 12887-12888.	6.6	60
150	Interaction of .DELTA.- and .LAMBDA.-[Ru(phen)2DPPZ]2+ with DNA: A Calorimetric and Equilibrium Binding Study. Journal of the American Chemical Society, 1995, 117, 4788-4796.	6.6	512
151	Characterization of Preferred Deoxyribonuclease I Cleavage Sites. Journal of Molecular Biology, 1994, 236, 405-411.	2.0	49
152	PCR generation of large amounts of purified DNA. Journal of Proteomics, 1994, 29, 251-257.	2.4	6
153	[26] Analysis of drug-DNA binding isotherms: A Monte Carlo approach. Methods in Enzymology, 1994, 240, 593-614.	0.4	48
154	A Thermodynamic Investigation of the Melting of B-Z Junction Forming DNA Oligomers. Biochemistry, 1994, 33, 1385-1391.	1.2	42
155	Preferential binding of H1e histone to GC-rich DNA. Biochemistry, 1994, 33, 384-388.	1.2	35
156	Molecular Recognition of DNA by Daunorubicin. ACS Symposium Series, 1994, , 156-167.	0.5	5
157	Sequence Dependence of the Free Energy of B-Z Junction Formation in Deoxyoligonucleotides. Journal of Molecular Biology, 1993, 231, 475-488.	2.0	36
158	Tris(phenanthroline)ruthenium(II) enantiomer interactions with DNA: Mode and specificity of binding. Biochemistry, 1993, 32, 2573-2584.	1.2	1,148
159	Dissection of the free energy of anthracycline antibiotic binding to DNA: electrostatic contributions. Journal of the American Chemical Society, 1993, 115, 5360-5364.	6.6	51
160	Neither .DELTA.- nor .LAMBDA.-tris(phenanthroline)ruthenium(II) binds to DNA by classical intercalation. Biochemistry, 1992, 31, 9319-9324.	1.2	1,268
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