

Bengt Norden

List of Publications by Year in descending order

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426
papers

22,520
citations

7069

78
h-index

11899

134
g-index

444
all docs

444
docs citations

444
times ranked

14654
citing authors

#	ARTICLE	IF	CITATIONS
1	Mismatch detection in homologous strand exchange amplified by hydrophobic effects. <i>Biopolymers</i> , 2021, 112, e23426.	1.2	1
2	The Mole, Avogadro's Number and Albert Einstein. <i>Molecular Frontiers Journal</i> , 2021, 05, 66-78.	0.9	1
3	Structural Water Stabilizes Protein Motifs in Liquid Protein Phase: The Folding Mechanism of Short β -Sheets Coupled to Phase Transition. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8595.	1.8	3
4	Which are the "Hilbert Problems" of Biophysics?. <i>QRB Discovery</i> , 2021, 2, .	0.6	2
5	Orientation of β -Synuclein at Negatively Charged Lipid Vesicles: Linear Dichroism Reveals Time-Dependent Changes in Helix Binding Mode. <i>Journal of the American Chemical Society</i> , 2021, 143, 18899-18906.	6.6	8
6	Michler's hydrophobic blue elucidates structural differences in prion strains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29677-29683.	3.3	2
7	Understanding Rad51 function is a prerequisite for progress in cancer research. <i>QRB Discovery</i> , 2020, 1, .	0.6	1
8	Molbegrppet och Albert Einstein. <i>Kosmos</i> , 2020, 96, 82-101.	0.0	0
9	Molbegrppet och Albert Einstein. <i>Kosmos</i> , 2020, 96, 82-101.	0.0	0
10	Role of Water for Life. <i>Molecular Frontiers Journal</i> , 2019, 03, 3-19.	0.9	1
11	The Sialic Acid-Dependent Nematocyst Discharge Process in Relation to Its Physical-Chemical Properties Is a Role Model for Nanomedical Diagnostic and Therapeutic Tools. <i>Marine Drugs</i> , 2019, 17, 469.	2.2	11
12	Hydrophobic catalysis and a potential biological role of DNA unstacking induced by environment effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17169-17174.	3.3	92
13	Nanomedical Relevance of the Intermolecular Interaction Dynamics" Examples from Lysozymes and Insulins. <i>ACS Omega</i> , 2019, 4, 4206-4220.	1.6	11
14	Structural Heterogeneity in Polynucleotide-Facilitated Assembly of Phenothiazine Dyes. <i>Journal of Physical Chemistry B</i> , 2018, 122, 2891-2899.	1.2	3
15	Entangled photons from single atoms and molecules. <i>Chemical Physics</i> , 2018, 507, 28-33.	0.9	5
16	Linear and circular dichroism characterization of thionine binding mode with DNA polynucleotides. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 189, 86-92.	2.0	11
17	Lysozyme's lectin-like characteristics facilitates its immune defense function. <i>Quarterly Reviews of Biophysics</i> , 2017, 50, e9.	2.4	29
18	Circular Dichroism, Induced. , 2017, , 299-304.		0

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19	A stretched conformation of DNA with a biological role?. Quarterly Reviews of Biophysics, 2017, 50, e11.	2.4	17
20	Quantum entanglement: facts and fiction – how wrong was Einstein after all?. Quarterly Reviews of Biophysics, 2016, 49, e17.	2.4	12
21	QRB Discovery: introducing original research to QRB. Quarterly Reviews of Biophysics, 2016, 49, e8.	2.4	0
22	Probing Microscopic Orientation in Membranes by Linear Dichroism. Langmuir, 2016, 32, 2841-2846.	1.6	12
23	ATP Hydrolysis in the RecA–DNA Filament Promotes Structural Changes at the Protein–DNA Interface. Biochemistry, 2015, 54, 4579-4582.	1.2	11
24	A thermodynamic Metric for Assessing Sustainable Use of Natural Resources. International Journal of Thermodynamics, 2015, 18, 66.	0.4	0
25	Swi5-Sfr1 protein stimulates Rad51-mediated DNA strand exchange reaction through organization of DNA bases in the presynaptic filament. Nucleic Acids Research, 2014, 42, 2358-2365.	6.5	13
26	Enhanced Cellular Uptake of Antisecretory Peptide AF-16 through Proteoglycan Binding. Biochemistry, 2014, 53, 6566-6573.	1.2	4
27	Force-induced melting of DNA – evidence for peeling and internal melting from force spectra on short synthetic duplex sequences. Nucleic Acids Research, 2014, 42, 8083-8091.	6.5	22
28	Characterization of a novel cell penetrating peptide derived from human Oct4. Cell Regeneration, 2014, 3, 3:2.	1.1	26
29	Peptides from RuAAC–Derived 1,5-Disubstituted Triazole Units. European Journal of Organic Chemistry, 2014, 2014, 2703-2713.	1.2	23
30	Orientation of aromatic residues in amyloid cores: Structural insights into prion fiber diversity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17158-17163.	3.3	12
31	Shear-Induced Membrane Fusion in Viscous Solutions. Langmuir, 2014, 30, 4875-4878.	1.6	16
32	UV Transition Moments of Tyrosine. Journal of Physical Chemistry B, 2014, 118, 9247-9257.	1.2	46
33	Characterization of a novel cell penetrating peptide derived from human Oct4. New Biotechnology, 2014, 31, S6.	2.4	0
34	Peptide-membrane interactions of arginine-tryptophan peptides probed using quartz crystal microbalance with dissipation monitoring. European Biophysics Journal, 2014, 43, 241-253.	1.2	16
35	DNA hosted and aligned in aqueous interstitia of a lamellar liquid crystal – a membrane–biomacromolecule interaction model system. Soft Matter, 2013, 9, 7951.	1.2	1
36	Minor-Groove Binding Drugs: Where Is the Second Hoechst 33258 Molecule?. Journal of Physical Chemistry B, 2013, 117, 5820-5830.	1.2	46

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37	Multiphoton absorption in amyloid protein fibres. <i>Nature Photonics</i> , 2013, 7, 969-972.	15.6	88
38	Interactions of a Photochromic Spiropyran with Liposome Model Membranes. <i>Langmuir</i> , 2013, 29, 2099-2103.	1.6	31
39	Tension Induces a Base-Paired Overstretched DNA Conformation. <i>Biophysical Journal</i> , 2013, 104, 165a.	0.2	0
40	High anisotropy of flow-aligned bicellar membrane systems. <i>Chemistry and Physics of Lipids</i> , 2013, 175-176, 105-115.	1.5	2
41	Interactions of Binuclear Ruthenium(II) Complexes with Oligonucleotides in Hydrogel Matrix: Enantioselective Threading Intercalation into GC Context. <i>Journal of Physical Chemistry B</i> , 2013, 117, 2947-2954.	1.2	12
42	Controlling and Monitoring Orientation of DNA Nanoconstructs on Lipid Surfaces. <i>Langmuir</i> , 2013, 29, 285-293.	1.6	14
43	Initial DNA Interactions of the Binuclear Threading Intercalator λ , λ Ru^{2+} : An NMR Study with $[\text{d}(\text{CGCGAATTCGCG})]_2$. <i>Chemistry - A European Journal</i> , 2013, 19, 5401-5410.	1.7	24
44	Rate of hydrolysis in ATP synthase is fine-tuned by $\hat{\lambda}$ -subunit motif controlling active site conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2117-2122.	3.3	13
45	Ca ²⁺ improves organization of single-stranded DNA bases in human Rad51 filament, explaining stimulatory effect on gene recombination. <i>Nucleic Acids Research</i> , 2012, 40, 4904-4913.	6.5	24
46	Sniffing out early reaction intermediates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2186-2187.	3.3	7
47	Tension induces a base-paired overstretched DNA conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15179-15184.	3.3	78
48	Nonlinear absorption spectra of ethidium and ethidium homodimer. <i>Chemical Physics</i> , 2012, 404, 33-35.	0.9	12
49	Two-photon absorption of metal-organic DNA-probes. <i>Dalton Transactions</i> , 2012, 41, 3123.	1.6	30
50	Short Oligonucleotides Aligned in Stretched Humid Matrix: Secondary DNA Structure in Poly(vinyl) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	1.6	7
51	Covalent functionalization of carbon nanotube forests grown in situ on a metal-silicon chip. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
52	Functionalization with C-terminal cysteine enhances transfection efficiency of cell-penetrating peptides through dimer formation. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 469-474.	1.0	45
53	Enantiospecific kinking of DNA by a partially intercalating metal complex. <i>Chemical Communications</i> , 2012, 48, 4941.	2.2	19
54	Cell surface binding and uptake of arginine- and lysine-rich penetratin peptides in absence and presence of proteoglycans. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2669-2678.	1.4	118

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55	Membrane interaction and secondary structure of de novo designed arginine-and tryptophan peptides with dual function. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 261-265.	1.0	32
56	A New Modular Approach to Nanoassembly: Stable and Addressable DNA Nanoconstructs <i>via</i> Orthogonal Click Chemistries. <i>ACS Nano</i> , 2012, 6, 9221-9228.	7.3	33
57	Spectral Properties and Orientation of Voltage-Sensitive Dyes in Lipid Membranes. <i>Langmuir</i> , 2012, 28, 10808-10817.	1.6	18
58	Effects of Tryptophan Content and Backbone Spacing on the Uptake Efficiency of Cell-Penetrating Peptides. <i>Biochemistry</i> , 2012, 51, 5531-5539.	1.2	109
59	Die Molecular Frontiers Foundation: das Interesse junger Menschen wecken. <i>Angewandte Chemie</i> , 2012, 124, 5356-5357.	1.6	0
60	The Molecular Frontiers Foundation: Capturing the Interest of Young Minds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5262-5263.	7.2	1
61	Towards Artificial Photosynthesis of CO ₂ – Neutral Fuel: Homogenous Catalysis of CO ₂ – Selective Reduction to Methanol Initiated by Visible-Light-Driven Multi-Electron Collector. <i>ChemCatChem</i> , 2012, 4, 1746-1750.	1.8	12
62	Energy phase shift as mechanism for catalysis. <i>Chemical Physics Letters</i> , 2012, 535, 169-172.	1.2	5
63	Controlled drug release under a low frequency magnetic field: effect of the citrate coating on magnetoliposomes stability. <i>Soft Matter</i> , 2011, 7, 1025-1037.	1.2	78
64	Flow-alignment of bicellar lipid mixtures: orientations of probe molecules and membrane-associated biomacromolecules in lipid membranes studied with polarized light. <i>Chemical Communications</i> , 2011, 47, 7356.	2.2	9
65	Magnetically Triggered Release From Giant Unilamellar Vesicles: Visualization By Means Of Confocal Microscopy. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 713-718.	2.1	47
66	Using Ethidium To Probe Nonequilibrium States of DNA Condensed for Gene Delivery. <i>Biochemistry</i> , 2011, 50, 1125-1127.	1.2	13
67	Correlation Between Cellular Localization and Binding Preference to RNA, DNA, and Phospholipid Membrane for Luminescent Ruthenium(II) Complexes. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1706-1711.	1.2	75
68	Michler's Hydrol Blue: A Sensitive Probe for Amyloid Fibril Detection. <i>Biochemistry</i> , 2011, 50, 3451-3461.	1.2	44
69	DNA in a Polyvinyl Alcohol Matrix and Interactions with Three Intercalating Cyanine Dyes. <i>Journal of Physical Chemistry B</i> , 2011, 115, 12192-12201.	1.2	10
70	Tryptophan orientations in membrane-bound gramicidin and melittin – a comparative linear dichroism study on transmembrane and surface-bound peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 219-228.	1.4	22
71	Binding of cell-penetrating penetratin peptides to plasma membrane vesicles correlates directly with cellular uptake. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 1860-1867.	1.4	37
72	Nanofabrication Yields. Hybridization and Click-Fixation of Polycyclic DNA Nanoassemblies. <i>ACS Nano</i> , 2011, 5, 7565-7575.	7.3	19

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73	Sequential One-Pot Ruthenium-Catalyzed Azide-Alkyne Cycloaddition from Primary Alkyl Halides and Sodium Azide. <i>Journal of Organic Chemistry</i> , 2011, 76, 2355-2359.	1.7	99
74	Soft Surface DNA Nanotechnology: DNA Constructs Anchored and Aligned to Lipid Membrane. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8312-8315.	7.2	52
75	Transition State of Rare Event Base Pair Opening Probed by Threading into Looped DNA. <i>ChemBioChem</i> , 2011, 12, 2001-2006.	1.3	6
76	Double-lock ratchet mechanism revealing the role of Ser^{344} in F_1F_0 ATP synthase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4828-4833.	3.3	17
77	A new highly adaptable design of shear-flow device for orientation of macromolecules for Linear Dichroism (LD) measurement. <i>Analyst</i> , 2011, 136, 3303.	1.7	3
78	Fuels for Transportation. <i>Ambio</i> , 2010, 39, 31-35.	2.8	4
79	Mechanical Control of ATP Synthase Function: Activation Energy Difference between Tight and Loose Binding Sites. <i>Biochemistry</i> , 2010, 49, 401-403.	1.2	9
80	Effects of PEGylation and Acetylation of PAMAM Dendrimers on DNA Binding, Cytotoxicity and <i>in Vitro</i> Transfection Efficiency. <i>Molecular Pharmaceutics</i> , 2010, 7, 1734-1746.	2.3	119
81	Structures of self-assembled amphiphilic peptide-heterodimers: effects of concentration, pH, temperature and ionic strength. <i>Soft Matter</i> , 2010, 6, 2260.	1.2	22
82	DNA strand exchange catalyzed by molecular crowding in PEG solutions. <i>Chemical Communications</i> , 2010, 46, 8231.	2.2	28
83	Dual functions of the human antimicrobial peptide LL-37: Target membrane perturbation and host cell cargo delivery. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 2201-2208.	1.4	90
84	Functionalized Nanostructures: Redox-Active Porphyrin Anchors for Supramolecular DNA Assemblies. <i>ACS Nano</i> , 2010, 4, 5037-5046.	7.3	45
85	A new fixation strategy for addressable nano-network building blocks. <i>Chemical Communications</i> , 2010, 46, 3714.	2.2	30
86	Magnetoliposomes for controlled drug release in the presence of low-frequency magnetic field. <i>Soft Matter</i> , 2010, 6, 154-162.	1.2	95
87	Design of Potent Inhibitors of Human RAD51 Recombinase Based on BRC Motifs of BRCA2 Protein: Modeling and Experimental Validation of a Chimera Peptide. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5782-5791.	2.9	42
88	Structure of human Rad51 protein filament from molecular modeling and site-specific linear dichroism spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13248-13253.	3.3	58
89	Mechanism of DNA Strand Exchange at Liposome Surfaces Investigated Using Mismatched DNA. <i>Langmuir</i> , 2009, 25, 1606-1611.	1.6	13
90	DNA Duplex Length and Salt Concentration Dependence of Enthalpy-Entropy Compensation Parameters for DNA Melting. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11375-11377.	1.2	14

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91	Thermodynamic Aspects of DNA Nanoconstruct Stability and Design. <i>Journal of Physical Chemistry C</i> , 2009, 113, 5941-5946.	1.5	12
92	DNA Strand Exchange on Liposome Surfaces. <i>Biophysical Journal</i> , 2009, 96, 20a.	0.2	0
93	Assigning Membrane Binding Geometry of Cytochrome c by Polarized Light Spectroscopy. <i>Biophysical Journal</i> , 2009, 96, 3399-3411.	0.2	21
94	Physical Rationale Behind the Nonlinear Enthalpy~Entropy Compensation in DNA Duplex Stability. <i>Journal of Physical Chemistry B</i> , 2009, 113, 4698-4707.	1.2	20
95	Membrane-Anchored DNA Assembly for Energy and Electron Transfer. <i>Journal of the American Chemical Society</i> , 2009, 131, 2831-2839.	6.6	45
96	Alignment of Carbon Nanotubes in Weak Magnetic Fields. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5148-5152.	7.2	24
97	DNA Condensation by PAMAM Dendrimers: Self-Assembly Characteristics and Effect on Transcription. <i>Biochemistry</i> , 2008, 47, 1732-1740.	1.2	102
98	DNA Closed Nanostructures: A Structural and Monte Carlo Simulation Study. <i>Journal of Physical Chemistry B</i> , 2008, 112, 15283-15294.	1.2	23
99	Stimulated endocytosis in penetratin uptake: Effect of arginine and lysine. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 621-625.	1.0	125
100	Enhanced DNA strand exchange on positively charged liposomes. <i>Soft Matter</i> , 2008, 4, 2500.	1.2	5
101	DNA Polymorphism as an Origin of Adenine-Thymine Tract Length-Dependent Threading Intercalation Rate. <i>Journal of the American Chemical Society</i> , 2008, 130, 14651-14658.	6.6	34
102	Luminescent Dipyridophenazine-Ruthenium Probes for Liposome Membranes. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10969-10975.	1.2	29
103	Chemical-to-Mechanical Energy Conversion in Biomacromolecular Machines: A Plasmon and Optimum Control Theory for Directional Work. 1. General Considerations. <i>Journal of Physical Chemistry B</i> , 2008, 112, 8319-8329.	1.2	8
104	Phospholipid Membranes Decorated by Cholesterol-Based Oligonucleotides as Soft Hybrid Nanostructures. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10942-10952.	1.2	56
105	Complex DNA Binding Kinetics Resolved by Combined Circular Dichroism and Luminescence Analysis. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6688-6694.	1.2	28
106	DNA Strand Exchange on Liposome Surfaces. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 465-465.	0.3	2
107	PROTEIN FOLDING AS A RESULT OF 'SELF-REGULATED STOCHASTIC RESONANCE': A NEW PARADIGM?. <i>Biophysical Reviews and Letters</i> , 2008, 03, 343-363.	0.9	6
108	Addressable Molecular Node Assembly - High Information Density DNA Nanostructures. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 683-684.	0.3	0

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109	A Membrane Anchored DNA-based Energy/Electron Transfer Assembly. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 691-691.	0.3	0
110	Conformational Dynamics of DNA Polymerase Probed with a Novel Fluorescent DNA Base Analogue. <i>Biochemistry</i> , 2007, 46, 12289-12297.	1.2	61
111	Counterion-mediated membrane penetration: Cationic cell-penetrating peptides overcome Born energy barrier by ion-pairing with phospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 1550-1558.	1.4	58
112	Tryptophan orientation in model lipid membranes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 645-650.	1.0	43
113	Calorimetric Analysis of Binding of two Consecutive DNA Strands to RecA Protein Illuminates Mechanism for Recognition Of Homology. <i>Journal of Molecular Biology</i> , 2007, 365, 603-611.	2.0	4
114	Enthalpy \rightarrow Entropy Compensation: A Phantom or Something Useful?. <i>Journal of Physical Chemistry B</i> , 2007, 111, 14431-14435.	1.2	174
115	Retinoid Chromophores as Probes of Membrane Lipid Order. <i>Journal of Physical Chemistry B</i> , 2007, 111, 10839-10848.	1.2	25
116	Kinetic Characterization of an Extremely Slow DNA Binding Equilibrium. <i>Journal of Physical Chemistry B</i> , 2007, 111, 9132-9137.	1.2	37
117	Triplex Addressability as a Basis for Functional DNA Nanostructures. <i>Nano Letters</i> , 2007, 7, 3832-3839.	4.5	60
118	Membrane Binding of pH-Sensitive Influenza Fusion Peptides. Positioning, Configuration, and Induced Leakage in a Lipid Vesicle Model. <i>Biochemistry</i> , 2007, 46, 13490-13504.	1.2	53
119	Kinetic Recognition of AT-Rich DNA by Ruthenium Complexes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2203-2206.	7.2	65
120	Addressable high-information-density DNA nanostructures. <i>Chemical Physics Letters</i> , 2007, 440, 125-129.	1.2	55
121	A Polarized-Light Spectroscopy Study of Interactions of a Hairpin Polyamide with DNA. <i>Biophysical Journal</i> , 2006, 91, 904-911.	0.2	5
122	Membrane Interactions of Cell-Penetrating Peptides Probed by Tryptophan Fluorescence and Dichroism Techniques: Correlations of Structure to Cellular Uptake. <i>Biochemistry</i> , 2006, 45, 7682-7692.	1.2	97
123	Conserved Conformation of RecA Protein after Executing the DNA Strand-Exchange Reaction. A Site-Specific Linear Dichroism Structure Study. <i>Biochemistry</i> , 2006, 45, 11172-11178.	1.2	12
124	Membrane destabilizing properties of cell-penetrating peptides. <i>Biophysical Chemistry</i> , 2005, 114, 169-179.	1.5	76
125	Monitoring the DNA Binding Kinetics of a Binuclear Ruthenium Complex by Energy Transfer: Evidence for Slow Shuffling. <i>Journal of Physical Chemistry B</i> , 2005, 109, 21140-21144.	1.2	28
126	Enantioselective Luminescence Quenching of DNA Light-Switch [Ru(phen)2dppz]2+ by Electron Transfer to Structural Homologue [Ru(phendione)2dppz]2+. <i>Journal of Physical Chemistry B</i> , 2005, 109, 17327-17332.	1.2	52

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127	DNA adopts normal B-form upon incorporation of highly fluorescent DNA base analogue tC: NMR structure and UV-Vis spectroscopy characterization. <i>Nucleic Acids Research</i> , 2004, 32, 5087-5095.	6.5	80
128	Effects of a hairpin polyamide on DNA melting: comparison with distamycin and Hoechst 33258. <i>Biophysical Chemistry</i> , 2004, 111, 205-212.	1.5	10
129	Ambivalent Intercalators for DNA: Δ L-Shaped Platinum(II) Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 2416-2421.	1.9	29
130	Vesicle Membrane Interactions of Penetratin Analogues. <i>Biochemistry</i> , 2004, 43, 11045-11055.	1.2	45
131	Membrane Binding and Translocation of Cell-Penetrating Peptides. <i>Biochemistry</i> , 2004, 43, 3471-3489.	1.2	194
132	Vesicle size-dependent translocation of penetratin analogs across lipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1665, 142-155.	1.4	52
133	Meso Stereoisomer as a Probe of Enantioselective Threading Intercalation of Semirigid Ruthenium Complex $[\frac{1}{4}-(11\text{-bidppz})(\text{phen})_4\text{Ru}_2]^{4+}$. <i>Journal of Physical Chemistry B</i> , 2003, 107, 11784-11793.	1.2	47
134	Orientation and Conformation of Cell-Penetrating Peptide Penetratin in Phospholipid Vesicle Membranes Determined by Polarized-Light Spectroscopy. <i>Journal of the American Chemical Society</i> , 2003, 125, 14214-14215.	6.6	43
135	Micelle-Sequestered Dissociation of Cationic DNA-Intercalated Drugs: An Unexpected Surfactant-Induced Rate Enhancement. <i>Journal of the American Chemical Society</i> , 2003, 125, 3773-3779.	6.6	60
136	Photophysical Characterization of Fluorescent DNA Base Analogue, tC. <i>Journal of Physical Chemistry B</i> , 2003, 107, 9094-9101.	1.2	71
137	Simultaneous Binding of Ruthenium(II) $[(1,10\text{-Phenanthroline})_2\text{dipyridophenazine}]_2^{2+}$ and Minor Groove Binder $4\text{-},6\text{-Diamidino-2-phenylindole}$ to Poly[d(AT)] ₂ at High Binding Densities: An Observation of Fluorescence Resonance Energy Transfer Across the DNA Stem. <i>Journal of Physical Chemistry B</i> , 2003, 107, 9858-9864.	1.2	57
138	Picosecond and Steady-State Emission of $[\text{Ru}(\text{phen})_2\text{dppz}]_2^{2+}$ in Glycerol: An Anomalous Temperature Dependence. <i>Journal of Physical Chemistry A</i> , 2003, 107, 1000-1009.	1.1	58
139	Uptake of analogs of penetratin, Tat(48-60) and oligoarginine in live cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 307, 100-107.	1.0	283
140	Application of a Novel Analysis To Measure the Binding of the Membrane-Translocating Peptide Penetratin to Negatively Charged Liposomes. <i>Biochemistry</i> , 2003, 42, 421-429.	1.2	92
141	Ratchet device with broken friction symmetry. <i>Applied Physics Letters</i> , 2002, 80, 2601-2603.	1.5	14
142	Arrangement of RecA protein in its active filament determined by polarized-light spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11688-11693.	3.3	32
143	Cell studies of the DNA bis-intercalator Delta-Delta $[\text{micro-C4}(\text{cpdppz})_2(\text{phen})_4\text{Ru}_2]^{4+}$: toxic effects and properties as a light emitting DNA probe in V79 Chinese hamster cells. <i>Mutagenesis</i> , 2002, 17, 317-320.	1.0	53
144	Nonlinear partial differential equations and applications: Invisible liposomes: Refractive index matching with sucrose enables flow dichroism assessment of peptide orientation in lipid vesicle membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15313-15317.	3.3	65

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145	Thermodynamics of PNA Interactions with DNA and RNA. , 2002, 208, 59-88.		5
146	Genetic screening using the colour change of a PNA-DNA hybrid-binding cyanine dye. Nucleic Acids Research, 2002, 30, 3e-3.	6.5	27
147	Structure of DNA-RecA protein complex, intermediate of homologous recombination, determined by polarised-light spectroscopy. Nucleic Acids Symposium Series, 2002, 2, 9-10.	0.3	0
148	Morphology and Molecular Conformation in Thin Films of Poly- β -methyl-L-glutamate at the Air-Water Interface. Langmuir, 2002, 18, 462-469.	1.6	38
149	DNA-Binding of Semirigid Binuclear Ruthenium Complex $[\frac{1}{4}-(11,11\text{-bidppz})(\text{phen})_4\text{Ru}_2]^{4+}$: Extremely Slow Intercalation Kinetics. Journal of the American Chemical Society, 2002, 124, 12092-12093.	6.6	172
150	Flow oriented linear dichroism to probe protein orientation in membrane environments. Physical Chemistry Chemical Physics, 2002, 4, 4051-4057.	1.3	72
151	Novel Chiral Pyromellitimide (1,2,4,5-Benzenetetracarboxydiimide) Dimers and Trimers: Exploring Their Structure, Electronic Transitions, and Exciton Coupling. Chemistry - A European Journal, 2002, 8, 2484.	1.7	29
152	DNA as a Catalyst and Catalytic Template for the Racemisation of Metal Tris-Phenanthroline Complexes. European Journal of Inorganic Chemistry, 2002, 2002, 49-53.	1.0	11
153	Formation of DNA Triple Helices by an Oligonucleotide Conjugated to a Fluorescent Ruthenium Complex. ChemBioChem, 2002, 3, 324-331.	1.3	44
154	ADP stabilizes the human Rad51-single stranded DNA complex and promotes its DNA annealing activity. Genes To Cells, 2002, 7, 1125-1134.	0.5	23
155	Picosecond Kerr-gated time-resolved resonance Raman spectroscopy of the $[\text{Ru}(\text{phen})_2\text{dppz}]^{2+}$ interaction with DNA. Journal of Inorganic Biochemistry, 2002, 91, 286-297.	1.5	35
156	Absolute configuration and electronic state properties of light-switch complex $[\text{Ru}(\text{phen})_2\text{dppz}]^{2+}$ deduced from oriented circular dichroism in a lamellar liquid crystal host. Chemical Physics Letters, 2002, 354, 44-50.	1.2	14
157	A Highly Fluorescent DNA Base Analogue that Forms Watson-Crick Base Pairs with Guanine. Journal of the American Chemical Society, 2001, 123, 2434-2435.	6.6	107
158	A Simple Model for Gene Targeting. Biophysical Journal, 2001, 81, 2876-2885.	0.2	11
159	Penetratin-induced aggregation and subsequent dissociation of negatively charged phospholipid vesicles. FEBS Letters, 2001, 505, 307-312.	1.3	74
160	Ligand Substituents of Ruthenium Dipyridophenazine Complexes Sensitive Determine Orientation in Liposome Membrane. Journal of Physical Chemistry B, 2001, 105, 11363-11368.	1.2	36
161	Enantioselective DNA Threading Dynamics by Phenazine-Linked $[\text{Ru}(\text{phen})_2\text{dppz}]^{2+}$ Dimers. Journal of the American Chemical Society, 2001, 123, 3630-3637.	6.6	156
162	Picosecond Time-Resolved Resonance Raman Probing of the Light-Switch States of $[\text{Ru}(\text{Phen})_2\text{dppz}]^{2+}$. Journal of Physical Chemistry B, 2001, 105, 12653-12664.	1.2	106

#	ARTICLE	IF	CITATIONS
163	Linear and circular dichroism of drug-nucleic acid complexes. <i>Methods in Enzymology</i> , 2001, 340, 68-98.	0.4	172
164	Synthesis and Fluorescence Properties of Novel Transmembrane Probes and Determination of Their Orientation within Vesicles. <i>Helvetica Chimica Acta</i> , 2000, 83, 2464-2476.	1.0	13
165	Detection of point mutations in DNA by PNA-based quartz-crystal biosensor. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 174, 269-273.	2.3	35
166	Peptide nucleic acid (PNA): its medical and biotechnical applications and promise for the future. <i>FASEB Journal</i> , 2000, 14, 1041-1060.	0.2	385
167	Femtosecond linear dichroism of DNA-intercalating chromophores: Solvation and charge separation dynamics of [Ru(phen) ₂ dppz] ²⁺ systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 5708-5713.	3.3	98
168	Pendulum as a model system for driven rotation in molecular nanoscale machines. <i>Physical Review E</i> , 2000, 61, 3256-3259.	0.8	6
169	The Antennapedia peptide penetratin translocates across lipid bilayers - the first direct observation. <i>FEBS Letters</i> , 2000, 482, 265-268.	1.3	209
170	DNA Binding Thermodynamics and Sequence Specificity of Chiral Piperazinecarboxyalkyl Derivatives of Anthracene and Pyrene. <i>Journal of the American Chemical Society</i> , 2000, 122, 8344-8349.	6.6	41
171	Probing DNA Conductivity with Photoinduced Electron Transfer and Scanning Tunneling Microscopy. <i>Journal of Biomolecular Structure and Dynamics</i> , 2000, 17, 277-283.	2.0	8
172	Interactions of Tris(phenanthroline)ruthenium(II) Enantiomers with DNA: Effects on Helix Flexibility Studied by the Electrophoretic Behavior of Reptating DNA in Agarose Gels. <i>Journal of Physical Chemistry B</i> , 2000, 104, 3651-3659.	1.2	23
173	Thermodynamics of Sequence-Specific Binding of PNA to DNA. <i>Biochemistry</i> , 2000, 39, 7781-7791.	1.2	179
174	Induced Circular Dichroism. , 1999, , 869-874.		0
175	Contributory presentations/posters. <i>Journal of Biosciences</i> , 1999, 24, 33-198.	0.5	0
176	Difference between active and inactive nucleotide cofactors in the effect on the DNA binding and the helical structure of RecA filament. Dissociation of RecA-DNA complex by inactive nucleotides. <i>FEBS Journal</i> , 1999, 262, 88-94.	0.2	20
177	A Molecular Staple for DNA: Threading Bis-intercalating [Ru(phen) ₂ dppz] ²⁺ Dimer. <i>Journal of the American Chemical Society</i> , 1999, 121, 10846-10847.	6.6	121
178	In Vitro Membrane Penetration of Modified Peptide Nucleic Acid (PNA). <i>Journal of Biomolecular Structure and Dynamics</i> , 1999, 17, 33-40.	2.0	17
179	DNA Binding of Δ^5 - and Δ^7 -cis-[Ru(RR-picchxn)(phen)] ²⁺ Studied by NMR and Flow Linear Dichroism Spectroscopy. <i>Journal of Biomolecular Structure and Dynamics</i> , 1999, 17, 519-525.	2.0	3
180	The L2 loop peptide of RecA stiffens and restricts base motions of single-stranded DNA similar to the intact protein1. <i>FEBS Letters</i> , 1999, 446, 30-34.	1.3	6

#	ARTICLE	IF	CITATIONS
181	Studies on the Adduct Heterogeneity of Benzo[a]pyrene 7,8-Dihydrodiol 9,10-Epoxy Stereoisomers Covalently Bound to Deoxyribooligonucleotides by Induced Circular Dichroism and Light Absorption Spectroscopy. <i>Chemical Research in Toxicology</i> , 1999, 12, 403-411.	1.7	8
182	DNA Binding Mode and Sequence Specificity of Piperazinylcarbonyloxyethyl Derivatives of Anthracene and Pyrene. <i>Journal of the American Chemical Society</i> , 1999, 121, 11947-11952.	6.6	76
183	Induced Circular Dichroism*, 1999, , 999-1004.		0
184	DNA Binding Geometries of Ruthenium(II) Complexes with 1,10-Phenanthroline and 2,2'-Bipyridine Ligands Studied with Linear Dichroism Spectroscopy. Borderline Cases of Intercalation. <i>Journal of Physical Chemistry B</i> , 1998, 102, 9583-9594.	1.2	216
185	Recognition and characterization of binding modes of λ^2 - and λ^1 -[Ru(phen)3]2+ and λ^2 - and λ^1 -[Ru(phen)2DPPZ]2+ by the NMR relaxation and binding free energy parameters. <i>Chemical Physics</i> , 1998, 236, 301-308.	0.9	17
186	DNA structural features responsible for sequence-dependent binding geometries of Hoechst 33258. <i>Biopolymers</i> , 1998, 38, 593-606.	1.2	33
187	Excited States of the Phthalimide Chromophore and Their Exciton Couplings: A Tool for Stereochemical Assignments. <i>Journal of the American Chemical Society</i> , 1998, 120, 12083-12091.	6.6	59
188	Chromophore Orientation in Liposome Membranes Probed with Flow Dichroism. <i>Journal of the American Chemical Society</i> , 1998, 120, 9957-9958.	6.6	59
189	Induced Circular Dichroism of Benzo[a]pyrene-7,8-dihydrodiol 9,10-Epoxy Stereoisomers Covalently Bound to Deoxyribooligonucleotides Used To Probe Equilibrium Distribution between Groove Binding and Intercalative Adduct Conformations. <i>Biochemistry</i> , 1998, 37, 4664-4673.	1.2	28
190	Hybridization of Peptide Nucleic Acid. <i>Biochemistry</i> , 1998, 37, 12331-12342.	1.2	122
191	Interactions of the antiviral quinoxaline derivative 9-OH-B220 {2,3-dimethyl-6-(dimethylaminoethyl)-9-hydroxy-6H-indolo-[2,3-b]quinoxaline} with duplex and triplex forms of synthetic DNA and RNA. <i>Journal of Molecular Biology</i> , 1998, 278, 31-56.	2.0	116
192	Binding Mode of Norfloxacin to Calf Thymus DNA. <i>Journal of the American Chemical Society</i> , 1998, 120, 6451-6457.	6.6	167
193	Base Orientation of Second DNA in RecA-DNA Filaments. <i>Journal of Biological Chemistry</i> , 1998, 273, 15682-15686.	1.6	11
194	Dissociation of Non-Complementary Second DNA from RecA Filament without ATP Hydrolysis: Mechanism of Search for Homologous DNA. <i>Journal of Biochemistry</i> , 1997, 121, 1070-1075.	0.9	4
195	Short-Circuiting the Molecular Wire: Cooperative Binding of λ^2 -[Ru(phen)2dppz]2+ and λ^2 -[Rh(phi)2bipy]3+ to DNA. <i>Journal of the American Chemical Society</i> , 1997, 119, 1454-1455.	6.6	273
196	Absence of chiral discrimination in the interaction of tris(diphenylphenanthroline)ruthenium(II) with DNA. <i>Chemical Communications</i> , 1997, , 2375.	2.2	21
197	Electronic Spectra and Transition Moments of 6-(2'-Pyridiniumyl)phenanthridinium Photoactive DNA Intercalators. <i>Journal of Physical Chemistry B</i> , 1997, 101, 5196-5204.	1.2	3
198	Ground- and Excited-State Properties of Molecular Complexes between Adenine and 2,7-Diazapyrene and Its N-Methylated Cations. <i>Journal of Physical Chemistry A</i> , 1997, 101, 8853-8860.	1.1	22

#	ARTICLE	IF	CITATIONS
199	Nucleotide Cofactor-Dependent Structural Change of <i>Xenopus laevis</i> Rad51 Protein Filament Detected by Small-Angle Neutron Scattering Measurements in Solution. <i>Biochemistry</i> , 1997, 36, 13524-13529.	1.2	18
200	Observation of a PNA ⁺ -PNA ⁻ -PNA Triplex. <i>Journal of the American Chemical Society</i> , 1997, 119, 3189-3190.	6.6	34
201	Binding Mode of [Ruthenium(II) (1,10-Phenanthroline) ₂] ²⁺ with Poly(dT [*] dA-dT) Triplex. Ligand Size Effect on Third-Strand Stabilization. <i>Biochemistry</i> , 1997, 36, 214-223.	1.2	133
202	Extended DNA-Recognition Repertoire of Peptide Nucleic Acid (PNA): ⁺ PNA ⁻ -dsDNA Triplex Formed with Cytosine-Rich Homopyrimidine PNA. <i>Biochemistry</i> , 1997, 36, 7973-7979.	1.2	88
203	DNA Binding Properties of 2,7-Diazapyrene and Its N-Methylated Cations Studied by Linear and Circular Dichroism Spectroscopy and Calorimetry. <i>Journal of the American Chemical Society</i> , 1997, 119, 5798-5803.	6.6	73
204	Electronic Transition Moments of 2-Aminopurine. <i>Journal of the American Chemical Society</i> , 1997, 119, 3114-3121.	6.6	128
205	Kinetics for Hybridization of Peptide Nucleic Acids (PNA) with DNA and RNA Studied with the BIAcore Technique ⁺ . <i>Biochemistry</i> , 1997, 36, 5072-5077.	1.2	401
206	Recognition of Double-Stranded Dna by Peptide Nucleic Acid. <i>Nucleosides & Nucleotides</i> , 1997, 16, 599-602.	0.5	1
207	Photophysical Evidence That $\hat{\pi}$ - and $\hat{\sigma}$ -[Ru(phen) ₂ (dppz)] ²⁺ Intercalate DNA from the Minor Groove. <i>Journal of the American Chemical Society</i> , 1997, 119, 239-240.	6.6	206
208	Thermochemical and Kinetic Evidence for Nucleotide-Sequence-Dependent RECA-DNA Interactions. <i>FEBS Journal</i> , 1997, 245, 715-719.	0.2	26
209	Effects of Minor and Major Groove-Binding Drugs and Intercalators on the DNA Association of Minor Groove-Binding Proteins RecA and Deoxyribonuclease I Detected by Flow Linear Dichroism. <i>FEBS Journal</i> , 1997, 243, 482-492.	0.2	35
210	Assignment of Electronic Transition Moment Directions of Adenine from Linear Dichroism Measurements. <i>Journal of the American Chemical Society</i> , 1997, 119, 12240-12250.	6.6	86
211	Peptide Nucleic Acids with a Conformationally Constrained Chiral Cyclohexyl ⁺ -Derived Backbone. <i>Chemistry - A European Journal</i> , 1997, 3, 912-919.	1.7	97
212	Binding geometries of triple helix selective benzopyrido [4,3-b]indole ligands complexed with double- and triple-helical polynucleotides. <i>Biopolymers</i> , 1997, 42, 101-111.	1.2	17
213	Interactions of Intercalative and Minor Groove Binding Ligands with Triplex Poly(dA) ⁺ ·[Poly(dT)] ₂ and with Duplex Poly(dA) ⁺ ·Poly(dT) and Poly[d(A-T)] ₂ Studied by CD, LD, and Normal Absorption ⁺ . <i>Biochemistry</i> , 1996, 35, 1187-1194.	1.2	76
214	Direct Observation of Strand Invasion by Peptide Nucleic Acid (PNA) into Double-Stranded DNA. <i>Journal of the American Chemical Society</i> , 1996, 118, 7049-7054.	6.6	113
215	Ionic Effects on the Stability and Conformation of Peptide Nucleic Acid Complexes. <i>Journal of the American Chemical Society</i> , 1996, 118, 5544-5552.	6.6	271
216	Second-Site RecA ⁺ -DNA Interactions: ⁺ Lack of Identical Recognition. <i>Biochemistry</i> , 1996, 35, 15349-15355.	1.2	16

#	ARTICLE	IF	CITATIONS
217	Diastereomeric DNA-Binding Geometries of Intercalated Ruthenium(II) Trischelates Probed by Linear Dichroism: Δ [Ru(phen)2DPPZ] $^{2+}$ and Λ [Ru(phen)2BDPPZ] $^{2+}$. Journal of the American Chemical Society, 1996, 118, 2644-2653.	6.6	244
218	Binuclear ruthenium(II) phenanthroline compounds with extreme binding affinity for DNA. Chemical Communications, 1996, , 2145-2146.	2.2	99
219	Locations of Functional Domains in the RecA Protein. Overlap of Domains and Regulation of Activities. FEBS Journal, 1996, 242, 20-28.	0.2	27
220	Roles of Tyr103 and Tyr264 in the Regulation of RecA-DNA Interactions by Nucleotide Cofactors. FEBS Journal, 1996, 240, 91-97.	0.2	4
221	Screening for genetic mutations. Nature, 1996, 380, 207-207.	13.7	62
222	DNA structural features responsible for sequence-dependent binding geometries of Hoechst 33258. , 1996, 38, 593.		24
223	Locations of functional domains in the RecA protein. , 1996, , 241-249.		0
224	PNA-Peptide Chimerae. Tetrahedron Letters, 1995, 36, 6933-6936.	0.7	26
225	Secondary Structure of RecA in Solution. The Effects of Cofactor, DNA and Ionic Conditions. FEBS Journal, 1995, 228, 149-154.	0.2	1
226	Evidence for Elongation of the Helical Pitch of the RecA Filament Upon ATP and ADP Binding Using Small-Angle Neutron Scattering. FEBS Journal, 1995, 233, 579-583.	0.2	37
227	Intercalative interactions of ethidium dyes with triplex structures. Bioorganic and Medicinal Chemistry, 1995, 3, 701-711.	1.4	52
228	Binding of RecA to anti-parallel poly(dA) \cdot 2poly(dT) triple helix DNA. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1995, 1264, 129-133.	2.4	6
229	Further Evidence for Binding of Three Single-Stranded DNA Molecules by the RecA Filament. Journal of Biochemistry, 1995, 117, 947-951.	0.9	3
230	Induced Chirality in PNA-PNA Duplexes. Journal of the American Chemical Society, 1995, 117, 10167-10173.	6.6	91
231	Interaction of Δ - and Λ -[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
232	Phospholipid membrane permeability of peptide nucleic acid. FEBS Letters, 1995, 365, 27-29.	1.3	124
233	Fluorescence-detected interactions of oligonucleotides in RecA complexes. FEBS Letters, 1995, 368, 64-68.	1.3	9
234	Dancing DNA in Capillary Solution Electrophoresis. Journal of the American Chemical Society, 1995, 117, 3871-3872.	6.6	39

#	ARTICLE	IF	CITATIONS
235	Effects of Intercalators on Complexation of RecA with Duplex DNA. <i>Biochemistry</i> , 1995, 34, 16365-16374.	1.2	11
236	Methylene blue intercalates with triplex poly(dT)*poly(dA)·poly(dT) but not duplex poly(dA)·poly(dT). <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 53-54.	2.0	9
237	Secondary Structure of RecA in Solution. The Effects of Cofactor, DNA and Ionic Conditions. <i>FEBS Journal</i> , 1995, 228, 149-154.	0.2	17
238	Properties of RecA Complexes with Homopolymeric DNA Strands Depend on Sequence Complementarity. Implications for the Mechanism of Strand Exchange. <i>Nucleosides & Nucleotides</i> , 1994, 13, 753-772.	0.5	2
239	Electronic Transition Dipole Moments of the 1,N6-Ethenoadenine Chromophore. <i>The Journal of Physical Chemistry</i> , 1994, 98, 13460-13469.	2.9	22
240	Spectroscopic studies of the trans adducts derived from (+)- and (â€“)â€“)-anti-benzo[a]pyrene-7,8-dihydrodiol-9,10-epoxide and the oligonucleotide 5'-d(CCTATAGATATCC). <i>Carcinogenesis</i> , 1994, 15, 2207-2213.	1.3	15
241	Analysing DNA complexes by circular and linear dichroism. <i>Journal of Molecular Recognition</i> , 1994, 7, 141-155.	1.1	203
242	The cofactor ATP in DNA-RecA complexes is not intercalated between DNA bases. <i>Journal of Molecular Recognition</i> , 1994, 7, 221-226.	1.1	5
243	Spectroscopic Observation of Renaturation Between Polynucleotides Interacting with RecA in the Presence of ATP Hydrolysis. <i>FEBS Journal</i> , 1994, 224, 39-45.	0.2	5
244	Flow Linear Dichroism and Electron Microscopic Analysis of Protein-DNA Complexes of a Mutant UvrB Protein that Binds to but cannot Kink DNA. <i>Journal of Molecular Biology</i> , 1994, 241, 645-650.	2.0	8
245	Sequence-Specific Interactions of Methylene Blue with Polynucleotides and DNA: A Spectroscopic Study. <i>Journal of the American Chemical Society</i> , 1994, 116, 7548-7556.	6.6	236
246	Interaction of cationic porphyrins with DNA. <i>Biochemistry</i> , 1994, 33, 417-426.	1.2	197
247	Optical and Photophysical Properties of the Oxazole Yellow DNA Probes YO and YOYO. <i>The Journal of Physical Chemistry</i> , 1994, 98, 10313-10321.	2.9	132
248	Interactions of DNA binding ligands with PNA-DNA hybrids. <i>Nucleic Acids Research</i> , 1994, 22, 5371-5377.	6.5	77
249	Structural Characterization of PNA-DNA Duplexes by NMR. Evidence for DNA in a B-like Conformation. <i>Biochemistry</i> , 1994, 33, 9820-9825.	1.2	109
250	Structure-Activity Studies of the Binding of Modified Peptide Nucleic Acids (PNAs) to DNA. <i>Journal of the American Chemical Society</i> , 1994, 116, 7964-7970.	6.6	135
251	Binding of .DELTA.- and .LAMBDA.-[Ru(phen)3]2+ to [d(CGCGATCGCG)]2 Studied by NMR. <i>Biochemistry</i> , 1994, 33, 5031-5040.	1.2	272
252	Experimental search for combined AC and DC magnetic field effects on ion channels. <i>Bioelectromagnetics</i> , 1993, 14, 315-327.	0.9	30

#	ARTICLE	IF	CITATIONS
253	Z \rightarrow B transition in poly[d(G-m5C)2] induced by interaction with 4',6-diamidino-2-phenylindole. <i>Biopolymers</i> , 1993, 33, 1677-1686.	1.2	6
254	PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogen-bonding rules. <i>Nature</i> , 1993, 365, 566-568.	13.7	1,975
255	Accessibility to modification of histidine residues of RecA protein upon DNA and cofactor binding. <i>FEBS Journal</i> , 1993, 217, 665-670.	0.2	13
256	DNA binding of .DELTA.- and .LAMBDA.-[Ru(phen)2DPPZ]2+. <i>Journal of the American Chemical Society</i> , 1993, 115, 3448-3454.	6.6	711
257	Methyl green. <i>FEBS Letters</i> , 1993, 315, 61-64.	1.3	132
258	Binding of DAPI analog 2,5-bis(4-amidinophenyl)furan to DNA. <i>Biochemistry</i> , 1993, 32, 6605-6612.	1.2	32
259	Binding of 4',6-diamidino-2-phenylindole (DAPI) to AT regions of DNA: Evidence for an allosteric conformational change. <i>Biochemistry</i> , 1993, 32, 2987-2998.	1.2	143
260	Interaction of 4',6-diamidino-2-phenylindole (DAPI) with poly[d(G-C)2] and poly[d(G-m5C)2]: evidence for major groove binding of a DNA probe. <i>Journal of the American Chemical Society</i> , 1993, 115, 3441-3447.	6.6	73
261	Orientation of large DNA during free solution electrophoresis studied by linear dichroism. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 2791-2798.	1.7	23
262	Location of excimer-forming adducts of (+)-anti-benzo[a]pyrenediol epoxide in DNA. <i>Journal of the American Chemical Society</i> , 1993, 115, 1639-1644.	6.6	17
263	Electronic transition moment directions and identification of low-energy n.pi.* states in weakly perturbed purine chromophores. <i>Journal of the American Chemical Society</i> , 1993, 115, 223-231.	6.6	25
264	Binding of 4',6-diamidino-2-phenylindole to [poly(dI-dC)]2 and [poly(dG-dC)]2: the exocyclic amino group of guanine prevents minor groove binding. <i>Journal of the American Chemical Society</i> , 1993, 115, 12258-12263.	6.6	34
265	Sequence dependence of 4',6-diamidino-2-phenylindole (DAPI)-DNA interactions. <i>Journal of the American Chemical Society</i> , 1993, 115, 10527-10530.	6.6	29
266	Right-handed triplex formed between peptide nucleic acid PNA-T8 and poly(dA) shown by linear and circular dichroism spectroscopy. <i>Journal of the American Chemical Society</i> , 1993, 115, 6477-6481.	6.6	117
267	Enhancement of binding rate of RecA protein to DNA by carcinogenic benzo[a]pyrene derivatives and selective change of adduct conformation. <i>Carcinogenesis</i> , 1993, 14, 311-313.	1.3	15
268	Ionic Strength Dependence of the Binding of Methylene Blue to Chromatin and Calf Thymus DNA. <i>Journal of Biomolecular Structure and Dynamics</i> , 1992, 9, 667-679.	2.0	48
269	Inverse melting transition and evidence of three-dimensional cubatic structure in a block-copolymer micellar system. <i>Physical Review Letters</i> , 1992, 68, 2340-2343.	2.9	262
270	X- and Y-Polarized Spectra of Chlorophyll a and Pheophytin a in the Red Region: Resolution Enhancement and Gaussian Deconvolution. <i>Australian Journal of Chemistry</i> , 1992, 45, 1559.	0.5	11

#	ARTICLE	IF	CITATIONS
271	Linear dichroism spectroscopy of nucleic acids. Quarterly Reviews of Biophysics, 1992, 25, 51-170.	2.4	342
272	Excited-state properties of the indole chromophore: electronic transition moment directions from linear dichroism measurements: effect of methyl and methoxy substituents. The Journal of Physical Chemistry, 1992, 96, 6204-6212.	2.9	144
273	DNA binding and photocleavage by uranyl(VI)(UO ₂ ²⁺) salts. Journal of the American Chemical Society, 1992, 114, 4967-4975.	6.6	90
274	Minor groove binding of [Ru(phen) ₃] ²⁺ to [d(CGCGATCGCG)] ₂ evidenced by two-dimensional NMR. Journal of the American Chemical Society, 1992, 114, 4933-4934.	6.6	123
275	Structure of UvrABC excinuclease-UV-damaged DNA complexes studied by flow linear dichroism DNA curved by UvrB and UvrC. FEBS Letters, 1992, 314, 10-12.	1.3	8
276	Structure of RecA-DNA complexes studied by combination of linear dichroism and small-angle neutron scattering measurements on flow-oriented samples. Journal of Molecular Biology, 1992, 226, 1175-1191.	2.0	79
277	Structure of DNA-RecA complexes studied by residue differential linear dichroism and fluorescence spectroscopy for a genetically engineered RecA protein. Journal of Molecular Biology, 1992, 226, 1193-1205.	2.0	27

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#	ARTICLE	IF	CITATIONS
289	B to Z transition in poly(dG-dC) modified with benzo(a)pyrene diol epoxides studied with polarized light spectroscopy. <i>Biopolymers</i> , 1990, 29, 1261-1275.	1.2	3
290	Reinterpretation of Linear Dichroism of Chromatin Supports a Perpendicular Linker Orientation in the Folded State. <i>Journal of Biomolecular Structure and Dynamics</i> , 1990, 8, 37-54.	2.0	14
291	Structure of a RecA-DNA complex from linear dichroism and small-angle neutron-scattering in flow-oriented solution. <i>Journal of Molecular Biology</i> , 1990, 216, 223-228.	2.0	37
292	Enantiopreferential DNA binding of [ruthenium(II)(1,10-phenanthroline) ₃] ²⁺ studied with linear and circular dichroism. <i>Journal of the American Chemical Society</i> , 1990, 112, 1971-1982.	6.6	210
293	Electric and Flow Linear Dichroism of Unfolded and Condensed Chromatin: A Comparative Study at Low and Intermediate Ionic Strength. <i>Journal of Biomolecular Structure and Dynamics</i> , 1989, 7, 19-33.	2.0	13
294	Interaction of ellipticine and an indolo[2,3b]-quinoxaline derivative with DNA and synthetic polynucleotides. <i>Chemico-Biological Interactions</i> , 1989, 72, 277-293.	1.7	31
295	Orientational dynamics of T2 DNA during agarose gel electrophoresis: Influence of gel concentration and electric field strength. <i>Biopolymers</i> , 1989, 28, 1541-1571.	1.2	53
296	Binding stoichiometry and structure of RecA-DNA complexes studied by flow linear dichroism and fluorescence spectroscopy. <i>Journal of Molecular Biology</i> , 1989, 205, 137-147.	2.0	102
297	Interaction of benz[a]pyrene diol epoxide with chromatin studied by flow linear dichroism. <i>FEBS Letters</i> , 1989, 248, 201-204.	1.3	2
298	Unspecific DNA binding of the DNA binding domain of the glucocorticoid receptor studied with flow linear dichroism. <i>FEBS Letters</i> , 1989, 253, 28-32.	1.3	8
299	Near-ultraviolet electronic transitions of the tryptophan chromophore: linear dichroism, fluorescence anisotropy, and magnetic circular dichroism spectra of some indole derivatives. <i>The Journal of Physical Chemistry</i> , 1989, 93, 6646-6654.	2.9	98
300	LINEAR DICHROISM(250-700 nm) OF CHLOROPHYLL AND PHEOPHYTIN ORIENTED IN A LAMELLAR PHASE OF GLYCERYLMONO-OCTANOATE/H ₂ O. CHARACTERIZATION OF ELECTRONIC TRANSITIONS. <i>Photochemistry and Photobiology</i> , 1988, 47, 133-143.	1.3	93
301	Orientation of DNA during gel electrophoresis studied with linear dichroism spectroscopy. <i>Biopolymers</i> , 1988, 27, 381-414.	1.2	92
302	Molecular flexibility of extended and compacted polynucleosomes. <i>European Biophysics Journal</i> , 1988, 16, 231-41.	1.2	8
303	Preparation of radioactive enantiomers of amino acids using labelled racemates only. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1988, 126, 199-204.	0.7	0
304	Effects of proteolysis of the extending parts of the high-molecular-weight microtubule-associated proteins on interactions between microtubules. <i>BBA - Proteins and Proteomics</i> , 1988, 955, 135-142.	2.1	10
305	Flow linear dichroism supports an accordion model for the salt-induced condensation of chromatin. <i>Biochemical Pharmacology</i> , 1988, 37, 1813-1814.	2.0	4
306	Structural properties of the covalent (+)-anti-BPDE-poly(dG-dC)(dG-dC) complex. <i>Biochemical Pharmacology</i> , 1988, 37, 1859-1860.	2.0	0

#	ARTICLE	IF	CITATIONS
307	Anthracycline-DNA interactions studied with linear dichroism and fluorescence spectroscopy. <i>Biochemistry</i> , 1988, 27, 8144-8151.	1.2	38
308	Electronic-Transitions in the Near-Ultraviolet Spectra of Uracil, Thymine, Uridylyl(3'-5')uridine and Thymidylyl(3'-5')thymidine. <i>Australian Journal of Chemistry</i> , 1988, 41, 1509.	0.5	3
309	Induced circular dichroism in nonintercalative DNA-drug complexes: sector rules for structural applications. <i>The Journal of Physical Chemistry</i> , 1988, 92, 2352-2356.	2.9	66
310	Interactions between DNA and mono-, bis-, tris-, tetrakis-, and hexakis(aminoacridines). A linear and circular dichroism, electric orientation relaxation, viscometry, and equilibrium study. <i>Journal of the American Chemical Society</i> , 1988, 110, 932-939.	6.6	76
311	Binding geometries of benzo[a]pyrenediol epoxide isomers covalently bound to DNA. Orientational distribution. <i>Biochemistry</i> , 1988, 27, 1213-1221.	1.2	43
312	Observation of excimer formation in the covalent adducts of 9,10-epoxy-7,8,9,10-tetrahydrobenzo[a]pyrene-7,8-diol with poly(dG-dC). <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 211-212.	2.0	11
313	Competitive Binding Between Unmodified and Etheno DNA Provides Information About Structure and Stoichiometry of RECA-DNA Complexes. <i>Nucleosides & Nucleotides</i> , 1988, 7, 783-786.	0.5	14
314	Enantioselective DNA Binding Geometries of $\hat{\Gamma}^{\text{III}}$ and $\hat{\Gamma}^{\text{II}}$ Ru(phenanthroline) ₃ ²⁺ Studied with Linear Dichroism. <i>Nucleosides & Nucleotides</i> , 1988, 7, 661-665.	0.5	2
315	Linear Dichroism and Induced Circular Dichroism for Studying Structure and Interactions of DNA. , 1988, , 133-165.		4
316	New Techniques for Aligning Molecules: Migrative Orientation. , 1988, , 197-209.		3
317	Spectroscopic studies on double-stranded poly d[(G-C)(G-C)] in B and Z form after covalent modification with the anti diastereomer of trans-7,8-dihydroxy-9,10-epoxy-7,8,9,10-tetrahydrobenzo,[a]pyrene. <i>Carcinogenesis</i> , 1987, 8, 899-905.	1.3	10
318	On the Use of Chiral Compounds for Probing the DNA Handedness: Z to B Conversion in Poly(dGm ⁵ dC) Upon Binding of Fe(phen) ₃ ²⁺ and Ru(phen) ₃ ²⁺ . <i>Journal of Biomolecular Structure and Dynamics</i> , 1987, 5, 89-96.	2.0	25
319	Critical aspects on optical-Kerr effects of macromolecules. Lack of measurable orientation of DNA. <i>The Journal of Physical Chemistry</i> , 1987, 91, 1957-1960.	2.9	2
320	Scattering anisotropy of partially oriented samples: turbidity flow linear dichroism (conservative) Tj ETQq0 0 0 rgBT./Overlock 10 Tf 50 2	2.9	15
321	Characterization of interaction between DNA and 4',6-diamidino-2-phenylindole by optical spectroscopy. <i>Biochemistry</i> , 1987, 26, 4545-4553.	1.2	218
322	Induced CD of DNA intercalators: Electric dipole allowed transitions. <i>Biopolymers</i> , 1987, 26, 1327-1345.	1.2	128
323	Enantioselective interactions of inversion-labile trigonal iron(II) complexes upon binding to DNA. <i>Biopolymers</i> , 1986, 25, 1209-1228.	1.2	54
324	Nucleic acid-metal interactions: V. The effect of silver(I) on the structures of A- and B-DNA forms. <i>Biopolymers</i> , 1986, 25, 1531-1545.	1.2	31

#	ARTICLE	IF	CITATIONS
325	Flow orientation of brain microtubules studies by linear dichroism. <i>European Biophysics Journal</i> , 1986, 14, 113-22.	1.2	25
326	Nucleic acid-metal interactions. IV. Complexes of Ag(I) with thymine and cytosine from studies of UV and IR dichroic spectra. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1986, 16, 217-226.	0.3	6
327	Was natural $\hat{1}^2$ radioactivity of carbon-14 the origin of optical one-handedness in life?. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1986, 104, 337-347.	0.7	13
328	Has nuclear chirality been a prebiotic source of optical purity of living systems? The quantum yields of gamma- and beta-decarboxylation of 1- C labelled D- and L-leucine in the solid state can indicate considerable selectivity. <i>Origins of Life and Evolution of Biospheres</i> , 1986, 16, 421-422.	0.8	1
329	Linear Dichroism of [2.2.2.2]Paracyclophanetetraene and [2.2.2.2.2.2]Paracyclophanetetraenediyne in Stretched Polyethylene Film.. <i>Acta Chemica Scandinavica</i> , 1986, 40b, 204-209.	0.7	1
330	Nucleic acid-metal interactions. III. Complexes of Ag(I) with adenine and 1-methyladenine from studies of UV and IR dichroic spectra. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1985, 15, 545-560.	0.3	13
331	Structural transitions of chromatin at low salt concentrations: a flow linear dichroism study. <i>Biochemistry</i> , 1985, 24, 6336-6342.	1.2	31
332	Stepwise unfolding of chromatin by urea. A flow linear dichroism and photoaffinity labeling study. <i>FEBS Journal</i> , 1985, 147, 65-68.	0.2	9
333	Psoralenamines. 3. Synthesis, pharmacological behavior, and DNA binding of 5-(aminomethyl)-8-methoxy-, 5-[[[(3-aminopropyl)oxy]methyl]- and 8-[(3-aminopropyl)oxy]psoralen derivatives. <i>Journal of Medicinal Chemistry</i> , 1985, 28, 1001-1010.	2.9	22
334	Structure of Z-DNA in solution. A flow linear dichroism study. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 1300-1302.	2.0	6
335	Stereoselective decarboxylation of amino acids in the solid state, with special reference to chiral discrimination in prebiotic evolution. <i>Journal of Molecular Evolution</i> , 1985, 21, 364-370.	0.8	16
336	Critical Aspects of Measurement of Circular and Linear Dichroism: A Device for Absolute Calibration. <i>Applied Spectroscopy</i> , 1985, 39, 647-655.	1.2	108
337	Spectroscopic studies of DNA complexes formed after reaction with anti-benzo[a]pyrene-7,8-dihydrodiol-9,10-oxide enantiomers of different carcinogenic potency. <i>Carcinogenesis</i> , 1984, 5, 1129-1135.	1.3	47
338	Nucleic acid-metal interactions. 2. Complexes of silver(I) with guanosine and 7-methylguanine from studies of isotropic and dichroic spectra. <i>The Journal of Physical Chemistry</i> , 1984, 88, 971-976.	2.9	24
339	Transition moment directions of some important in-plane vibrations of uracil, thymine and cytosine. A fixed partial charge model calculation. <i>Chemical Physics Letters</i> , 1984, 109, 412-415.	1.2	7
340	Formation of silver-adenine long-chain aggregates in neutral aqueous solution: study of flow linear dichroism. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 1573-1574.	2.0	6
341	Trisintercalation in DNA by N-[3-(9-acridinylamino)propyl]-N,N-bis[6-(9-acridinylamino)hexyl]amine. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 509-511.	2.0	11
342	On the structure of active chromatin. <i>FEBS Letters</i> , 1984, 169, 309-312.	1.3	14

#	ARTICLE	IF	CITATIONS
343	Effects of Ag ⁺ and Hg ²⁺ on the structure of DNA in solution studied by flow linear dichroism. <i>Biopolymers</i> , 1983, 22, 601-604.	1.2	9
344	Linear dichroism studies of nucleic acids. III. Reduced dichroism curves of DNA in ethanol-water and in poly(vinyl alcohol) films. <i>Biopolymers</i> , 1983, 22, 1731-1746.	1.2	51
345	Acridine-psoralen amines and their interaction with deoxyribonucleic acid. <i>Biochemistry</i> , 1983, 22, 4878-4886.	1.2	29
346	Optical activity of bis(thiocarbamide)bis(amino acid)platinum(II) complexes. <i>Inorganic Chemistry</i> , 1983, 22, 2637-2642.	1.9	10
347	Linear dichroism studies of flavins in stretched poly(vinyl alcohol) films. Molecular orientation and electronic transition moment directions.. <i>The Journal of Physical Chemistry</i> , 1983, 87, 220-225.	2.9	19
348	Linear dichroism studies of nucleic acid bases in stretched poly(vinyl alcohol) film. Molecular orientation and electronic transition moment directions. <i>The Journal of Physical Chemistry</i> , 1982, 86, 1378-1386.	2.9	108
349	Dispersive contributions to the linear dichroism of chromophores oriented by association to biopolymers or in anisotropic solvents: Associate induced linear dichroism (AILD). <i>Journal of Chemical Physics</i> , 1982, 77, 2302-2308.	1.2	1
350	Linear dichroism study of 9-substituted acridines in stretched poly(vinyl alcohol) film. <i>Chemical Physics Letters</i> , 1982, 85, 302-306.	1.2	20
351	Chromatin structure studied by linear dichroism at different salt concentrations. <i>Biopolymers</i> , 1982, 21, 343-358.	1.2	40
352	Structure of methylene blue-DNA complexes studied by linear and circular dichroism spectroscopy. <i>Biopolymers</i> , 1982, 21, 1713-1734.	1.2	347
353	Linear dichroism studies of nucleic acids. II. Calculation of reduced dichroism curves of A- and B-form DNA. <i>Biopolymers</i> , 1982, 21, 2433-2452.	1.2	72
354	Absorption anisotropy of cubic or randomly oriented chromophores in anisotropic solvents. Dispersion induced linear dichroism (DILD). <i>Chemical Physics</i> , 1981, 57, 365-375.	0.9	9
355	On the use of moments for describing the molecular orientation distribution. <i>Chemical Physics Letters</i> , 1980, 75, 398-402.	1.2	9
356	Measurement of oriented circular dichroism. <i>Chemical Physics Letters</i> , 1980, 70, 313-316.	1.2	53
357	Determination of binding geometry of DNA-adduct systems through induced circular dichroism. <i>Chemical Physics Letters</i> , 1980, 70, 17-21.	1.2	86
358	Simple formulas for dichroism analysis. Orientation of solutes in stretched polymer matrices. <i>Journal of Chemical Physics</i> , 1980, 72, 5032-5038.	1.2	24
359	Structure of strand-separated DNA in different environments studied by linear dichroism. <i>Biopolymers</i> , 1979, 18, 2323-2339.	1.2	36
360	Simple formulas for rotation averages of spectroscopic intensities. <i>Chemical Physics</i> , 1979, 41, 431-437.	0.9	9

#	ARTICLE	IF	CITATIONS
361	Electronic spectra of dithieno analogues of phenanthrene. <i>Chemical Physics</i> , 1979, 40, 397-404.	0.9	8
362	INTERACTION BETWEEN DNA AND 8-METHOXYPSORALEN STUDIED BY LINEAR DICHROISM. <i>Photochemistry and Photobiology</i> , 1979, 29, 1115-1118.	1.3	27
363	Spectroscopic investigation of magnetic dipole allowed transitions through the magnetic transition moment. <i>Chemical Physics Letters</i> , 1979, 67, 99-102.	1.2	10
364	Linear and circular dichroism studies of π - π^* transitions in steroidal dienes and α,β -unsaturated ketones. <i>Journal of the American Chemical Society</i> , 1979, 101, 5515-5522.	6.6	25
365	Form dichroism and the study of molecular shape. <i>Chemical Physics</i> , 1978, 30, 177-186.	0.9	5
366	The magnetic circular dichroism of five-membered ring heterocycles. <i>Chemical Physics</i> , 1978, 33, 355-366.	0.9	56
367	Structural evidence on DNA carcinogen interactions. <i>Biophysical Chemistry</i> , 1978, 8, 385-391.	1.5	10
368	Linear dichroism studies of binding site structures in solution. <i>Biophysical Chemistry</i> , 1978, 8, 1-15.	1.5	47
369	Circular dichroism and the configuration of deprotonated tris-tartrato chromium(III) complex. <i>Inorganica Chimica Acta</i> , 1978, 29, 189-192.	1.2	10
370	Structure of DNA metal complexes in solution studied by linear and circular dichroism. [Pt(II)(ethylenediamine)(2,2'-dipyridine)] ²⁺ binds strongly to DNA by intercalation. [Cu(II)(2,2'-dipyridine) ₂] ²⁺ is not intercalated. <i>Inorganica Chimica Acta</i> , 1978, 31, 83-95.	1.2	16
371	Vortical flow as a source of optical activity in J aggregates of cyanine dyes. <i>The Journal of Physical Chemistry</i> , 1978, 82, 744-746.	2.9	19
372	The asymmetry of life. <i>Journal of Molecular Evolution</i> , 1978, 11, 313-332.	0.8	40
373	Renaturation of DNA in ethanol-methanol solvent induced by complexation with methyl green. <i>Biopolymers</i> , 1978, 17, 523-525.	1.2	14
374	Applications of linear Dichroism Spectroscopy. <i>Applied Spectroscopy Reviews</i> , 1978, 14, 157-248.	3.4	267
375	Rearrangement of a platinum (II) complex in DNA from intercalation outer-sphere position to non-intercalation coordination. <i>FEBS Letters</i> , 1978, 94, 204-206.	1.3	13
376	Linear dichroism as a tool for studying molecular orientation in membrane systems. 2. Order parameters of guest molecules from linear dichroism and nuclear magnetic resonance. <i>The Journal of Physical Chemistry</i> , 1978, 82, 2604-2609.	2.9	34
377	Electric Dichroism Spectroscopy. <i>Spectroscopy Letters</i> , 1977, 10, 447-454.	0.5	6
378	Field Effects in Condensed Media on Polarized Absorption. <i>Spectroscopy Letters</i> , 1977, 10, 455-470.	0.5	6

#	ARTICLE	IF	CITATIONS
379	general Aspects on Linear Dichroism Spectroscopy and its Application. Spectroscopy Letters, 1977, 10, 381-400.	0.5	11
380	Linear Dichroism of Chloroplasts and Subchloroplast Fractions Oriented by Flow. Spectroscopy Letters, 1977, 10, 489-493.	0.5	2
381	Linear dichroism spectroscopy as a tool for studying molecular orientation in model membrane systems. The Journal of Physical Chemistry, 1977, 81, 2086-2093.	2.9	49
382	Linear and circular dichroism of polymeric pseudoisocyanine. The Journal of Physical Chemistry, 1977, 81, 151-159.	2.9	60
383	Absorption Statistics in Linear Dichroism. Spectroscopy Letters, 1977, 10, 483-488.	0.5	5
384	Was photoresolution of amino acids the origin of optical activity in life?. Nature, 1977, 266, 567-568.	13.7	106
385	Linear dichroism probes to study internal electric fields. Nature, 1977, 269, 314-316.	13.7	5
386	Magnetic circular dichroism of heterocycles: thiophene. Chemical Physics Letters, 1977, 50, 306-308.	1.2	9
387	Binding of methyl green to deoxyribonucleic acid analyzed by linear dichroism. Chemical Physics Letters, 1977, 50, 508-512.	1.2	46
388	Optical activity in racemic chromium(III) tartrate solution induced by circularly polarized irradiation. Inorganic and Nuclear Chemistry Letters, 1977, 13, 355-362.	0.7	5
389	Binding of inert metal complexes to deoxyribonucleic acid detected by linear dichroism. FEBS Letters, 1976, 67, 368-370.	1.3	100
390	Linear dichroism of cations and anions in micellar solutions. Nature, 1976, 261, 400-402.	13.7	8
391	Polarized i.r. spectra of tris- and bis acetylacetonato transition metal complexes in oriented polyethylene and polypropylene matrices. Spectrochimica Acta Part A: Molecular Spectroscopy, 1976, 32, 427-437.	0.1	1
392	Low temperature circular dichroism artifacts. Birefringence-free cryostat. Spectrochimica Acta Part A: Molecular Spectroscopy, 1976, 32, 441-442.	0.1	3
393	On the problem of obtaining accurate circular dichroism. Calibration of circular dichroism spectrometers. Spectrochimica Acta Part A: Molecular Spectroscopy, 1976, 32, 717-722.	0.1	42
394	Linear dichroism of free base tetraphenyl porphin. Chemical Physics Letters, 1976, 37, 433-437.	1.2	23
395	Micelle studies by high-sensitivity linear dichroism. Benzene solubilization in rod-shaped micelles of cetyltrimethylammoniumbromide in water. Chemical Physics Letters, 1976, 39, 128-133.	1.2	21
396	Optical resolution of tris (acetylacetonato) aluminium(III) by low temperature chromatography. Inorganic and Nuclear Chemistry Letters, 1976, 12, 33-41.	0.7	12

#	ARTICLE	IF	CITATIONS
397	Circular dichroism and absolute configuration of tris(acetyl-acetonato) cobalt(III). Inorganic and Nuclear Chemistry Letters, 1976, 12, 43-47.	0.7	10
398	Optical studies on complexes between DNA and pseudoisocyanine. Biophysical Chemistry, 1976, 6, 31-45.	1.5	39
399	High-sensitivity linear dichroism as a tool for equilibrium analysis in biochemistry- stability constant of DNA-ethidiumbromide complex. Biophysical Chemistry, 1976, 4, 191-198.	1.5	69
400	Linear Dichroism of 1,4-Benzodiazepines. Spectroscopy Letters, 1976, 9, 301-311.	0.5	1
401	Circular dichroism spectrum and absolute configuration of tris(acetylacetonato) chromium(III). Inorganic and Nuclear Chemistry Letters, 1975, 11, 387-394.	0.7	13
402	Evidence for the non-planar structure in solution of the copper(II) schiff base complex from acetylacetonate and ethylenediamine from linear dichroism and induced circular dichroism. Inorganic and Nuclear Chemistry Letters, 1975, 11, 67-73.	0.7	3
403	A method for determination of the refractive index in a region of absorption. Anomalous dispersion of CS ₂ in the UV range. Chemical Physics, 1975, 8, 223-230.	0.9	1
404	Optical resolution by chromatography at low temperature. Nature, 1975, 258, 597-597.	13.7	8
405	A new electronic transition in the polarized spectrum of dimethyl aniline. Chemical Physics Letters, 1974, 28, 39-40.	1.2	11
406	New details in the polarized spectrum of naphthalene by means of linear dichroism studies in oriented polymer matrices. Chemical Physics Letters, 1974, 28, 221-224.	1.2	32
407	Optically active low-temperature inversion stabilised 1,2-dithiane by photolysis with circularly polarised light. Chemical Physics Letters, 1974, 28, 384-386.	1.2	9
408	Induced Optical Activity in Co(NH ₃) ₆ (3+) by Outer-sphere Association with Chiral Anions.. Acta Chemica Scandinavica, 1974, 28a, 289-293.	0.7	4
409	A semiempirical MO study of the electronic structure and excited states of the Tris(2,2'-bipyridyl)Iron(II) and Tris(glyoxal-Bis-N-methylimine)iron(II)Ions. Theoretica Chimica Acta, 1973, 28, 313-337.	0.9	25
410	Detection of n- π^* transitions in pyridine and pyrazine in polyethylene solution by linear dichroism. Chemical Physics Letters, 1973, 23, 200-202.	1.2	8
411	On the Calibration of Circular Dichroism Spectrometers.. Acta Chemica Scandinavica, 1973, 27, 4021-4024.	0.7	13
412	Induced Optical Activity in Co(NH ₃) ₆ (3+) and Co(en) ₃ (3+) Upon Outer-Sphere Association with (+)-Tartarate ²⁻ and Other Chiral Anions.. Acta Chemica Scandinavica, 1972, 26, 111-126.	0.7	22
413	Circular Dichroism of Dihedral Rare Earth Carboxylates Chirally Stabilised in a Single-crystal.. Acta Chemica Scandinavica, 1972, 26, 407-409.	0.7	21
414	Directions of Moments and Assignments of π - π^* and π^* Transitions in Certain Biaryls from Polarized Spectroscopy on Oriented Films and from Molecular Orbital Calculations.. Acta Chemica Scandinavica, 1972, 26, 429-443.	0.7	32

#	ARTICLE	IF	CITATIONS
415	A Method for Sensitive Linear Dichroism Analysis of Metal Complexes Dissolved and Oriented in Organic Polymers.. Acta Chemica Scandinavica, 1972, 26, 842-844.	0.7	15
416	Circular Dichroism Measurements on Oriented Optically Active Species.. Acta Chemica Scandinavica, 1972, 26, 1763-1776.	0.7	16
417	Evidence for the Arrangement in the Outer Co-ordination Sphere of Dihedral Metal Complexes from Circular Dichroism Measurements on Oriented Films.. Acta Chemica Scandinavica, 1971, 25, 357-359.	0.7	1
418	Methods for Determination of the Stability Constants of Outer-sphere Complexes Using Measurements of Absorbance, Optical Rotation, and Circular Dichroism: A Spectroscopic Study of the Outer-sphere Complex between Trisethylenediamine-cobalt(III) Ion and Ethylenediaminetetraacetate.. Acta Chemica Scandinavica, 1971, 25, 2516-2530.	0.7	3
419	Photoreaction between Trisethylenediamine Cobalt(III) (Co(en) ₃ (3+)) and Ethylenediaminetetraacetate (H ₂ Y(2-)).. Acta Chemica Scandinavica, 1971, 25, 2776-2778.	0.7	5
420	A Compound between Polyvinyl-alcohol and Copper(II) Ammines.. Acta Chemica Scandinavica, 1971, 25, 3545-3546.	0.7	2
421	Optical Activity Developed by Preferential Racemization of One Enantiomer in Racemic Cr(III) (ox) ₃ ³⁻ Induced by Irradiation with Circularly Polarized Light.. Acta Chemica Scandinavica, 1970, 24, 349-351.	0.7	22
422	The Diminished Inertness of the Tris(ethylenediamine)cobalt(III) Ion when Irradiated with Ultraviolet Light in Presence of Ethylenediaminetetraacetate.. Acta Chemica Scandinavica, 1970, 24, 1703-1712.	0.7	2
423	On the Dimerization of the Acridine Orange Cation. A Potentiometric and a Spectrophotometric Proof that the Dimerization Does Not Involve Counterions.. Acta Chemica Scandinavica, 1970, 24, 2583-2592.	0.7	6
424	Circular Dichroism Measurements on Oriented Films Containing Dissymmetric Cobalt Complexes.. Acta Chemica Scandinavica, 1970, 24, 2681-2692.	0.7	3
425	A Proof for Sterically Specific Outer Sphere Complex Formation with [Co(en) ₃] ³⁺ .. Acta Chemica Scandinavica, 1969, 23, 2925-2927.	0.7	0
426	Polarized Spectroscopy with Fluorescent Biomolecular Building Blocks. , 0, , 40-54.		0