Bengt Norden

List of Publications by Year
in descending order

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		7069	11899
426	22,520	78	134
papers	citations	h-index	g-index

444	444	444	14654
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PNA hybridizes to complementary oligonucleotides obeying the Watsonâ€“Crick hydrogen-bonding rules. Nature, 1993, 365, 566-568.	13.7	1,975
2	DNA binding of .DELTA.- and .LAMBDA.-[Ru(phen)2DPPZ]2+. Journal of the American Chemical Society, 1993, 115, 3448-3454.	6.6	711
3	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
4	Kinetics for Hybridization of Peptide Nucleic Acids (PNA) with DNA and RNA Studied with the BIAcore Techniqueâ€. Biochemistry, 1997, 36, 5072-5077.	1.2	401
5	Peptide nucleic acid (PNA): its medical and biotechnical applications and promise for the future. FASEB Journal, 2000, 14, 1041-1060.	0.2	385
6	Structure of methylene blue-DNA complexes studied by linear and circular dichroism spectroscopy. Biopolymers, 1982, 21, 1713-1734.	1.2	347
7	Linear dichroism spectroscopy of nucleic acids. Quarterly Reviews of Biophysics, 1992, 25, 51-170.	2.4	342
8	Uptake of analogs of penetratin, Tat(48â€“60) and oligoarginine in live cells. Biochemical and Biophysical Research Communications, 2003, 307, 100-107.	1.0	283
9	Short-Circuiting the Molecular Wire:â€‰ Cooperative Binding of Î”-[Ru(phen)2dppz]2+ and Î”-[Rh(phi)2bipy]3+ to DNA. Journal of the American Chemical Society, 1997, 119, 1454-1455.	6.6	273
10	Binding of .DELTA.- and .LAMBDA.-[Ru(phen)3]2+ to [d(CGCGATCGCG)]2 Studied by NMR. Biochemistry, 1994, 33, 5031-5040.	1.2	272
11	Ionic Effects on the Stability and Conformation of Peptide Nucleic Acid Complexes. Journal of the American Chemical Society, 1996, 118, 5544-5552.	6.6	271
12	Applications of linear Dichroism Spectroscopy. Applied Spectroscopy Reviews, 1978, 14, 157-248.	3.4	267
13	Inverse melting transition and evidence of three-dimensional cubatic structure in a block-copolymer micellar system. Physical Review Letters, 1992, 68, 2340-2343.	2.9	262
14	Diastereomeric DNA-Binding Geometries of Intercalated Ruthenium(II) Trischelates Probed by Linear Dichroism:Â [Ru(phen)2DPPZ]2+and [Ru(phen)2BDPPZ]2+. Journal of the American Chemical Society, 1996, 118, 2644-2653.	6.6	244
15	Sequence-Specific Interactions of Methylene Blue with Polynucleotides and DNA: A Spectroscopic Study. Journal of the American Chemical Society, 1994, 116, 7548-7556.	6.6	236
16	Characterization of interaction between DNA and 4',6-diamidino-2-phenylindole by optical spectroscopy. Biochemistry, 1987, 26, 4545-4553.	1.2	218
17	DNA Binding Geometries of Ruthenium(II) Complexes with 1,10-Phenanthroline and 2,2â€˜-Bipyridine Ligands Studied with Linear Dichroism Spectroscopy. Borderline Cases of Intercalation. Journal of Physical Chemistry B, 1998, 102, 9583-9594.	1.2	216
18	Enantiopreferential DNA binding of [ruthenium(II)(1,10-phenanthroline)3]2+ studied with linear and circular dichroism. Journal of the American Chemical Society, 1990, 112, 1971-1982.	6.6	210

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19	The Antennapedia peptide penetratin translocates across lipid bilayers - the first direct observation. FEBS Letters, 2000, 482, 265-268.	1.3	209
20	Photophysical Evidence That Î”- and Î›-[Ru(phen)2(dppz)]2+ Intercalate DNA from the Minor Groove. Journal of the American Chemical Society, 1997, 119, 239-240.	6.6	206
21	Analysing DNA complexes by circular and linear dichroism. Journal of Molecular Recognition, 1994, 7, 141-155.	1.1	203
22	Interaction of cationic porphyrins with DNA. Biochemistry, 1994, 33, 417-426.	1.2	197
23	Membrane Binding and Translocation of Cell-Penetrating Peptidesâ€. Biochemistry, 2004, 43, 3471-3489.	1.2	194
24	Thermodynamics of Sequence-Specific Binding of PNA to DNAâ€. Biochemistry, 2000, 39, 7781-7791.	1.2	179
25	Enthalpyâ^'Entropy Compensation:â€‰ A Phantom or Something Useful?. Journal of Physical Chemistry B, 2007, 111, 14431-14435.	1.2	174
26	Linear and circular dichroism of drug-nucleic acid complexes. Methods in Enzymology, 2001, 340, 68-98.	0.4	172
27	DNA-Binding of Semirigid Binuclear Ruthenium Complex Î”,Î”-[Î¼-(11,11â€˜-bidppz)(phen)4Ru2]4+:Â Extremely Slow Intercalation Kinetics. Journal of the American Chemical Society, 2002, 124, 12092-12093.	6.6	172
28	Binding Mode of Norfloxacin to Calf Thymus DNA. Journal of the American Chemical Society, 1998, 120, 6451-6457.	6.6	167
29	Enantioselective DNA Threading Dynamics by Phenazine-Linked [Ru(phen)2dppz]2+Dimers. Journal of the American Chemical Society, 2001, 123, 3630-3637.	6.6	156
30	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
31	Binding of 4',6-diamidino-2-phenylindole (DAPI) to AT regions of DNA: Evidence for an allosteric conformational change. Biochemistry, 1993, 32, 2987-2998.	1.2	143
32	Structure-Activity Studies of the Binding of Modified Peptide Nucleic Acids (PNAs) to DNA. Journal of the American Chemical Society, 1994, 116, 7964-7970.	6.6	135
33	The CD of ligand-DNA systems. 2. Poly(dA-dT) B-DNA. Biopolymers, 1992, 32, 1201-1214.	1.2	133
34	Binding Mode of [Ruthenium(II) (1,10-Phenanthroline)2L]2+ with Poly(dT*dA-dT) Triplex. Ligand Size Effect on Third-Strand Stabilization. Biochemistry, 1997, 36, 214-223.	1.2	133
35	Methyl green. FEBS Letters, 1993, 315, 61-64.	1.3	132
36	Optical and Photophysical Properties of the Oxazole Yellow DNA Probes YO and YOYO. The Journal of Physical Chemistry, 1994, 98, 10313-10321.	2.9	132

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37	Induced CD of DNA intercalators: Electric dipole allowed transitions. Biopolymers, 1987, 26, 1327-1345.	1.2	128
38	Electronic Transition Moments of 2-Aminopurine. Journal of the American Chemical Society, 1997, 119, 3114-3121.	6.6	128
39	Stimulated endocytosis in penetratin uptake: Effect of arginine and lysine. Biochemical and Biophysical Research Communications, 2008, 371, 621-625.	1.0	125
40	Phospholipid membrane permeability of peptide nucleic acid. FEBS Letters, 1995, 365, 27-29.	1.3	124
41	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
42	Hybridization of Peptide Nucleic Acidâ€. Biochemistry, 1998, 37, 12331-12342.	1.2	122
43	A Molecular Staple for DNA:â€‰ Threading Bis-intercalating [Ru(phen)2dppz]2+ Dimer. Journal of the American Chemical Society, 1999, 121, 10846-10847.	6.6	121
44	Effects of PEGylation and Acetylation of PAMAM Dendrimers on DNA Binding, Cytotoxicity and in Vitro Transfection Efficiency. Molecular Pharmaceutics, 2010, 7, 1734-1746.	2.3	119
45	Cell surface binding and uptake of arginine- and lysine-rich penetratin peptides in absence and presence of proteoglycans. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2669-2678.	1.4	118
46	Right-handed triplex formed between peptide nucleic acid PNA-T8 and poly(dA) shown by linear and circular dichroism spectroscopy. Journal of the American Chemical Society, 1993, 115, 6477-6481.	6.6	117
47	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. Journal of Molecular Biology, 1998, 278, 31-56.	2.0	116
48	Direct Observation of Strand Invasion by Peptide Nucleic Acid (PNA) into Double-Stranded DNA. Journal of the American Chemical Society, 1996, 118, 7049-7054.	6.6	113
49	The CD of ligand-DNA systems. I. Poly(dG-dC) B-DNA. Biopolymers, 1991, 31, 1709-1720.	1.2	110
50	Structural Characterization of PNA-DNA Duplexes by NMR. Evidence for DNA in a B-like Conformation. Biochemistry, 1994, 33, 9820-9825.	1.2	109
51	Effects of Tryptophan Content and Backbone Spacing on the Uptake Efficiency of Cell-Penetrating Peptides. Biochemistry, 2012, 51, 5531-5539.	1.2	109
52	Linear dichroism studies of nucleic acid bases in stretched poly(vinyl alcohol) film. Molecular orientation and electronic transition moment directions. The Journal of Physical Chemistry, 1982, 86, 1378-1386.	2.9	108
53	Critical Aspects of Measurement of Circular and Linear Dichroism: A Device for Absolute Calibration. Applied Spectroscopy, 1985, 39, 647-655.	1.2	108
54	A Highly Fluorescent DNA Base Analogue that Forms Watsonâ€'Crick Base Pairs with Guanine. Journal of the American Chemical Society, 2001, 123, 2434-2435.	6.6	107

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55	Was photoresolution of amino acids the origin of optical activity in life?. Nature, 1977, 266, 567-568.	13.7	106
56	Picosecond Time-Resolved Resonance Raman Probing of the Light-Switch States of [Ru(Phen)2dppz]2+. Journal of Physical Chemistry B, 2001, 105, 12653-12664.	1.2	106
57	Binding stoichiometry and structure of RecA-DNA complexes studied by flow linear dichroism and fluorescence spectroscopy. Journal of Molecular Biology, 1989, 205, 137-147.	2.0	102
58	DNA Condensation by PAMAM Dendrimers:â€‰ Self-Assembly Characteristics and Effect on Transcription. Biochemistry, 2008, 47, 1732-1740.	1.2	102
59	Binding of inert metal complexes to deoxyribonucleic acid detected by linear dichroism. FEBS Letters, 1976, 67, 368-370.	1.3	100
60	Binuclear ruthenium(II) phenanthroline compounds with extreme binding affinity for DNA. Chemical Communications, 1996, , 2145-2146.	2.2	99
61	Sequential One-Pot Ruthenium-Catalyzed Azideâ"Alkyne Cycloaddition from Primary Alkyl Halides and Sodium Azide. Journal of Organic Chemistry, 2011, 76, 2355-2359.	1.7	99
62	Near-ultraviolet electronic transitions of the tryptophan chromophore: linear dichroism, fluorescence anisotropy, and magnetic circular dichroism spectra of some indole derivatives. The Journal of Physical Chemistry, 1989, 93, 6646-6654.	2.9	98
63	Femtosecond linear dichroism of DNA-intercalating chromophores: Solvation and charge separation dynamics of [Ru(phen)2dppz]2+ systems. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 5708-5713.	3.3	98
64	Peptide Nucleic Acids with a Conformationally Constrained Chiral Cyclohexylâ€Derived Backbone. Chemistry - A European Journal, 1997, 3, 912-919.	1.7	97
65	Membrane Interactions of Cell-Penetrating Peptides Probed by Tryptophan Fluorescence and Dichroism Techniques:â€‰ Correlations of Structure to Cellular Uptake. Biochemistry, 2006, 45, 7682-7692.	1.2	97
66	Microscopic behaviour of DNA during electrophoresis: electrophoretic orientation. Quarterly Reviews of Biophysics, 1991, 24, 103-164.	2.4	96
67	Magnetoliposomes for controlled drug release in the presence of low-frequency magnetic field. Soft Matter, 2010, 6, 154-162.	1.2	95
68	LINEAR DICHROISM(250â€“700 nm) OF CHLOROPHYLL a AND PHEOPHYTIN a ORIENTED IN A LAMELLAR PHASE OF GLYCERYLMONOOCTANOATE/H₂O. CHARACTERIZATION OF ELECTRONIC TRANSITIONS. Photochemistry and Photobiology, 1988, 47, 133-143.	1.3	93
69	Orientation of DNA during gel electrophoresis studied with linear dichroism spectroscopy. Biopolymers, 1988, 27, 381-414.	1.2	92
70	Application of a Novel Analysis To Measure the Binding of the Membrane-Translocating Peptide Penetratin to Negatively Charged Liposomesâ€. Biochemistry, 2003, 42, 421-429.	1.2	92
71	Hydrophobic catalysis and a potential biological role of DNA unstacking induced by environment effects. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17169-17174.	3.3	92
72	Induced Chirality in PNA-PNA Duplexes. Journal of the American Chemical Society, 1995, 117, 10167-10173.	6.6	91

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73	DNA binding and photocleavage by uranyl(VI)(UO22+) salts. Journal of the American Chemical Society, 1992, 114, 4967-4975.	6.6	90
74	Dual functions of the human antimicrobial peptide LL-37â€"Target membrane perturbation and host cell cargo delivery. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 2201-2208.	1.4	90
75	Extended DNA-Recognition Repertoire of Peptide Nucleic Acid (PNA):Â PNAâ^'dsDNA Triplex Formed with Cytosine-Rich Homopyrimidine PNA. Biochemistry, 1997, 36, 7973-7979.	1.2	88
76	Multiphoton absorption in amyloid protein fibres. Nature Photonics, 2013, 7, 969-972.	15.6	88
77	Determination of binding geometry of DNA-adduct systems through induced circular dichroism. Chemical Physics Letters, 1980, 70, 17-21.	1.2	86
78	Assignment of Electronic Transition Moment Directions of Adenine from Linear Dichroism Measurements. Journal of the American Chemical Society, 1997, 119, 12240-12250.	6.6	86
79	DNA adopts normal B-form upon incorporation of highly fluorescent DNA base analogue tC: NMR structure and UV-Vis spectroscopy characterization. Nucleic Acids Research, 2004, 32, 5087-5095.	6.5	80
80	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
81	Controlled drug release under a low frequency magnetic field: effect of the citrate coating on magnetoliposomes stability. Soft Matter, 2011, 7, 1025-1037.	1.2	78
82	Tension induces a base-paired overstretched DNA conformation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15179-15184.	3.3	78
83	Interactions of DNA binding ligands with PNA-DNA hybrids. Nucleic Acids Research, 1994, 22, 5371-5377.	6.5	77
84	Interactions between DNA and mono-, bis-, tris-, tetrakis-, and hexakis(aminoacridines). A linear and circular dichroism, electric orientation relaxation, viscometry, and equilibrium study. Journal of the American Chemical Society, 1988, 110, 932-939.	6.6	76
85	Interactions of Intercalative and Minor Groove Binding Ligands with Triplex Poly(dA)Â·[Poly(dT)]2and with Duplex Poly(dA)Â·Poly(dT) and Poly[d(A-T)]2Studied by CD, LD, and Normal Absorptionâ€. Biochemistry, 1996, 35, 1187-1194.	1.2	76
86	DNA Binding Mode and Sequence Specificity of Piperazinylcarbonyloxyethyl Derivatives of Anthracene and Pyrene. Journal of the American Chemical Society, 1999, 121, 11947-11952.	6.6	76
87	Membrane destabilizing properties of cell-penetrating peptides. Biophysical Chemistry, 2005, 114, 169-179.	1.5	76
88	Correlation Between Cellular Localization and Binding Preference to RNA, DNA, and Phospholipid Membrane for Luminescent Ruthenium(II) Complexes. Journal of Physical Chemistry B, 2011, 115, 1706-1711.	1.2	75
89	Penetratin-induced aggregation and subsequent dissociation of negatively charged phospholipid vesicles. FEBS Letters, 2001, 505, 307-312.	1.3	74
90	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. Journal of the American Chemical Society, 1993, 115, 3441-3447.	6.6	73

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91	DNA Binding Properties of 2,7-Diazapyrene and ItsN-Methylated Cations Studied by Linear and Circular Dichroism Spectroscopy and Calorimetry. Journal of the American Chemical Society, 1997, 119, 5798-5803.	6.6	73
92	Linear dichroism studies of nucleic acids. II. Calculation of reduced dichroism curves of A-and B-form DNA. Biopolymers, 1982, 21, 2433-2452.	1.2	72
93	Flow oriented linear dichroism to probe protein orientation in membrane environments. Physical Chemistry Chemical Physics, 2002, 4, 4051-4057.	1.3	72
94	Photophysical Characterization of Fluorescent DNA Base Analogue, tC. Journal of Physical Chemistry B, 2003, 107, 9094-9101.	1.2	71
95	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
96	Induced circular dichroism in nonintercalative DNA-drug complexes: sector rules for structural applications. The Journal of Physical Chemistry, 1988, 92, 2352-2356.	2.9	66
97	Nonlinear partial differential equations and applications: Invisible liposomes: Refractive index matching with sucrose enables flow dichroism assessment of peptide orientation in lipid vesicle membrane. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15313-15317.	3.3	65
98	Kinetic Recognition of AT-Rich DNA by Ruthenium Complexes. Angewandte Chemie - International Edition, 2007, 46, 2203-2206.	7.2	65
99	Screening for genetic mutations. Nature, 1996, 380, 207-207.	13.7	62
100	Conformational Dynamics of DNA Polymerase Probed with a Novel Fluorescent DNA Base Analogue. Biochemistry, 2007, 46, 12289-12297.	1.2	61
101	Linear and circular dichroism of polymeric pseudoisocyanine. The Journal of Physical Chemistry, 1977, 81, 151-159.	2.9	60
102	Micelle-Sequestered Dissociation of Cationic DNAâ^'Intercalated Drugs:Â Unexpected Surfactant-Induced Rate Enhancement. Journal of the American Chemical Society, 2003, 125, 3773-3779.	6.6	60
103	Triplex Addressability as a Basis for Functional DNA Nanostructures. Nano Letters, 2007, 7, 3832-3839.	4.5	60
104	Excited States of the Phthalimide Chromophore and Their Exciton Couplings:Â A Tool for Stereochemical Assignments. Journal of the American Chemical Society, 1998, 120, 12083-12091.	6.6	59
105	Chromophore Orientation in Liposome Membranes Probed with Flow Dichroism. Journal of the American Chemical Society, 1998, 120, 9957-9958.	6.6	59
106	Picosecond and Steady-State Emission of [Ru(phen)2dppz]2+in Glycerol:Â Anomalous Temperature Dependence. Journal of Physical Chemistry A, 2003, 107, 1000-1009.	1.1	58
107	Counterion-mediated membrane penetration: Cationic cell-penetrating peptides overcome Born energy barrier by ion-pairing with phospholipids. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 1550-1558.	1.4	58
108	Structure of human Rad51 protein filament from molecular modeling and site-specific linear dichroism spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13248-13253.	3.3	58

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109	Simultaneous Binding of Ruthenium(II) [(1,10-Phenanthroline)2dipyridophenazine]2+and Minor Groove Binder 4â€˛,6-Diamidino-2-phenylindole to Poly[d(Aâ€˛T)2] at High Binding Densities:Â Observation of Fluorescence Resonance Energy Trasfer Across the DNA Stem. Journal of Physical Chemistry B, 2003, 107, 9858-9864.	1.2	57
110	The magnetic circular dichroism of five-membered ring heterocycles. Chemical Physics, 1978, 33, 355-366.	0.9	56
111	Phospholipid Membranes Decorated by Cholesterol-Based Oligonucleotides as Soft Hybrid Nanostructures. Journal of Physical Chemistry B, 2008, 112, 10942-10952.	1.2	56
112	Addressable high-information-density DNA nanostructures. Chemical Physics Letters, 2007, 440, 125-129.	1.2	55
113	Enantioselective interactions of inversion-labile trigonal iron(II) complexes upon binding to DNA. Biopolymers, 1986, 25, 1209-1228.	1.2	54
114	Measurement of oriented circular dichroism. Chemical Physics Letters, 1980, 70, 313-316.	1.2	53
115	Orientational dynamics of T2 DNA during agarose gel electrophoresis: Influence of gel concentration and electric field strength. Biopolymers, 1989, 28, 1541-1571.	1.2	53
116	Cell studies of the DNA bis-intercalator Delta-Delta [micro-C4(cpdppz)2-(phen)4Ru2]4+: toxic effects and properties as a light emitting DNA probe in V79 Chinese hamster cells. Mutagenesis, 2002, 17, 317-320.	1.0	53
117	Membrane Binding of pH-Sensitive Influenza Fusion Peptides. Positioning, Configuration, and Induced Leakage in a Lipid Vesicle Model. Biochemistry, 2007, 46, 13490-13504.	1.2	53
118	Intercalative interactions of ethidium dyes with triplex structures. Bioorganic and Medicinal Chemistry, 1995, 3, 701-711.	1.4	52
119	Vesicle size-dependent translocation of penetratin analogs across lipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1665, 142-155.	1.4	52
120	Enantioselective Luminescence Quenching of DNA Light-Switch [Ru(phen)2dppz]2+by Electron Transfer to Structural Homologue [Ru(phendione)2dppz]2+. Journal of Physical Chemistry B, 2005, 109, 17327-17332.	1.2	52
121	Softâ€Surface DNA Nanotechnology: DNA Constructs Anchored and Aligned to Lipid Membrane. Angewandte Chemie - International Edition, 2011, 50, 8312-8315.	7.2	52
122	Linear dichroism studies of nucleic acids. III. Reduced dichoism curves of DNA in ethanol-water and in poly(vinyl alcohol) films. Biopolymers, 1983, 22, 1731-1746.	1.2	51
123	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
124	Co-ordination of multiple DNA molecules in RecA fiber evidenced by linear dichroism spectroscopy. Biochimie, 1991, 73, 219-226.	1.3	48
125	Ionic Strength Dependence of the Binding of Methylene Blue to Chromatin and Calf Thymus DNA. Journal of Biomolecular Structure and Dynamics, 1992, 9, 667-679.	2.0	48
126	Linear dichroism studies of binding site structures in solution. Biophysical Chemistry, 1978, 8, 1-15.	1.5	47

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127	Spectroscopic studies of DNA complexes formed after reaction with anti-benzo[a]pyrene-7,8-dihydrodiol-9,10-oxide enantiomers of different carcinogenic potency. Carcinogenesis, 1984, 5, 1129-1135.	1.3	47
128	Meso Stereoisomer as a Probe of Enantioselective Threading Intercalation of Semirigid Ruthenium Complex [Î¼-(11,11â€˜-bidppz)(phen)4Ru2]4+. Journal of Physical Chemistry B, 2003, 107, 11784-11793.	1.2	47
129	Magnetically Triggered Release From Giant Unilamellar Vesicles: Visualization By Means Of Confocal Microscopy. Journal of Physical Chemistry Letters, 2011, 2, 713-718.	2.1	47
130	Binding of methyl green to deoxyribonucleic acid analyzed by linear dichroism. Chemical Physics Letters, 1977, 50, 508-512.	1.2	46
131	Minor-Groove Binding Drugs: Where Is the Second Hoechst 33258 Molecule?. Journal of Physical Chemistry B, 2013, 117, 5820-5830.	1.2	46
132	UV Transition Moments of Tyrosine. Journal of Physical Chemistry B, 2014, 118, 9247-9257.	1.2	46
133	Vesicle Membrane Interactions of Penetratin Analoguesâ€. Biochemistry, 2004, 43, 11045-11055.	1.2	45
134	Membrane-Anchored DNA Assembly for Energy and Electron Transfer. Journal of the American Chemical Society, 2009, 131, 2831-2839.	6.6	45
135	Functionalized Nanostructures: Redox-Active Porphyrin Anchors for Supramolecular DNA Assemblies. ACS Nano, 2010, 4, 5037-5046.	7.3	45
136	Functionalization with C-terminal cysteine enhances transfection efficiency of cell-penetrating peptides through dimer formation. Biochemical and Biophysical Research Communications, 2012, 418, 469-474.	1.0	45
137	Formation of DNA Triple Helices by an Oligonucleotide Conjugated to a Fluorescent Ruthenium Complex. ChemBioChem, 2002, 3, 324-331.	1.3	44
138	Michlerâ€™s Hydrol Blue: A Sensitive Probe for Amyloid Fibril Detection. Biochemistry, 2011, 50, 3451-3461.	1.2	44
139	Binding geometries of benzo[a]pyrenediol epoxide isomers covalently bound to DNA. Orientational distribution. Biochemistry, 1988, 27, 1213-1221.	1.2	43
140	Orientation and Conformation of Cell-Penetrating Peptide Penetratin in Phospholipid Vesicle Membranes Determined by Polarized-Light Spectroscopy. Journal of the American Chemical Society, 2003, 125, 14214-14215.	6.6	43
141	Tryptophan orientation in model lipid membranes. Biochemical and Biophysical Research Communications, 2007, 361, 645-650.	1.0	43
142	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
143	Design of Potent Inhibitors of Human RAD51 Recombinase Based on BRC Motifs of BRCA2 Protein: Modeling and Experimental Validation of a Chimera Peptide. Journal of Medicinal Chemistry, 2010, 53, 5782-5791.	2.9	42
144	DNA Binding Thermodynamics and Sequence Specificity of Chiral Piperazinecarbonyloxyalkyl Derivatives of Anthracene and Pyrene. Journal of the American Chemical Society, 2000, 122, 8344-8349.	6.6	41

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145	The asymmetry of life. Journal of Molecular Evolution, 1978, 11, 313-332.	0.8	40
146	Chromatin structure studied by linear dichroism at different salt concentrations. Biopolymers, 1982, 21, 343-358.	1.2	40
147	Optical studies on complexes between DNA and pseudoisocyanine. Biophysical Chemistry, 1976, 6, 31-45.	1.5	39
148	Dancing DNA in Capillary Solution Electrophoresis. Journal of the American Chemical Society, 1995, 117, 3871-3872.	6.6	39
149	Anthracycline-DNA interactions studied with linear dichroism and fluorescence spectroscopy. Biochemistry, 1988, 27, 8144-8151.	1.2	38
150	Morphology and Molecular Conformation in Thin Films of Poly-Î³-methyl-l-glutamate at the Airâ^'Water Interface. Langmuir, 2002, 18, 462-469.	1.6	38
151	Structure of a RecA-DNA complex from linear dichroism and small-angle neutron-scattering in flow-oriented solution. Journal of Molecular Biology, 1990, 216, 223-228.	2.0	37
152	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
153	Kinetic Characterization of an Extremely Slow DNA Binding Equilibrium. Journal of Physical Chemistry B, 2007, 111, 9132-9137.	1.2	37
154	Binding of cell-penetrating penetratin peptides to plasma membrane vesicles correlates directly with cellular uptake. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1860-1867.	1.4	37
155	Structure of strand-separted DNA in different environments studied by linear dichroism. Biopolymers, 1979, 18, 2323-2339.	1.2	36
156	Ligand Substituents of Ruthenium Dipyridophenazine Complexes Sensitively Determine Orientation in Liposome Membrane. Journal of Physical Chemistry B, 2001, 105, 11363-11368.	1.2	36
157	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. FEBS Journal, 1997, 243, 482-492.	0.2	35
158	Detection of point mutations in DNA by PNA-based quartz-crystal biosensor. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2000, 174, 269-273.	2.3	35
159	Picosecond Kerr-gated time-resolved resonance Raman spectroscopy of the [Ru(phen)2dppz]2+ interaction with DNA. Journal of Inorganic Biochemistry, 2002, 91, 286-297.	1.5	35
160	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. The Journal of Physical Chemistry, 1978, 82, 2604-2609.	2.9	34
161	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. Journal of the American Chemical Society, 1993, 115, 12258-12263.	6.6	34
162	Observation of a PNAâ^'PNAâ^'PNA Triplex. Journal of the American Chemical Society, 1997, 119, 3189-3190.	6.6	34

#	Article	IF	Citations
163	DNA Polymorphism as an Origin of Adenine-Thymine Tract Length-Dependent Threading Intercalation Rate. Journal of the American Chemical Society, 2008, 130, 14651-14658.	6.6	34
164	DNA structural features responsible for sequence-dependent binding geometries of Hoechst 33258. Biopolymers, 1998, 38, 593-606.	1.2	33
165	A New Modular Approach to Nanoassembly: Stable and Addressable DNA Nanoconstructs via Orthogonal Click Chemistries. ACS Nano, 2012, 6, 9221-9228.	7.3	33
166	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
167	Binding of DAPI analog 2,5-bis(4-amidinophenyl)furan to DNA. Biochemistry, 1993, 32, 6605-6612.	1.2	32
168	Arrangement of RecA protein in its active filament determined by polarized-light spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11688-11693.	3.3	32
169	Membrane interaction and secondary structure of de novo designed arginine-and tryptophan peptides with dual function. Biochemical and Biophysical Research Communications, 2012, 427, 261-265.	1.0	32
170	Directions of Moments and Assignments of pi -> pi* 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
171	Structural transitions of chromatin at low salt concentrations: a flow linear dichroism study. Biochemistry, 1985, 24, 6336-6342.	1.2	31
172	Nucleic acid-metal interactions: V. The effect of silver(I) on the structures of A- and B-DNA forms. Biopolymers, 1986, 25, 1531-1545.	1.2	31
173	Interaction of ellipticine and an indolo[2,3b]-quinoxaline derivative with DNA and synthetic polynucleotides. Chemico-Biological Interactions, 1989, 72, 277-293.	1.7	31
174	Interactions of a Photochromic Spiropyran with Liposome Model Membranes. Langmuir, 2013, 29, 2099-2103.	1.6	31
175	Experimental search for combined AC and DC magnetic field effects on ion channels. Bioelectromagnetics, 1993, 14, 315-327.	0.9	30
176	A new fixation strategy for addressable nano-network building blocks. Chemical Communications, 2010, 46, 3714.	2.2	30
177	Two-photon absorption of metalâ€“organic DNA-probes. Dalton Transactions, 2012, 41, 3123.	1.6	30
178	Acridine-psoralen amines and their interaction with deoxyribonucleic acid. Biochemistry, 1983, 22, 4878-4886.	1.2	29
179	Sequence dependence of 4',6-diamidino-2-phenylindole (DAPI)-DNA interactions. Journal of the American Chemical Society, 1993, 115, 10527-10530.	6.6	29
180	Novel Chiral Pyromellitdiimide (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

#	Article	IF	Citations
181	Ambivalent Intercalators for DNA:Â L-Shaped Platinum(II) Complexes. Inorganic Chemistry, 2004, 43, 2416-2421.	1.9	29
182	Luminescent Dipyridophenazine-Ruthenium Probes for Liposome Membranes. Journal of Physical Chemistry B, 2008, 112, 10969-10975.	1.2	29
183	Lysozyme's lectin-like characteristics facilitates its immune defense function. Quarterly Reviews of Biophysics, 2017, 50, e9.	2.4	29
184	Induced Circular Dichroism of Benzo[a]pyrene-7,8-dihydrodiol 9,10-Epoxide Stereoisomers Covalently Bound to Deoxyribooligonucleotides Used To Probe Equilibrium Distribution between Groove Binding and Intercalative Adduct Conformationsâ€. Biochemistry, 1998, 37, 4664-4673.	1.2	28
185	Monitoring the DNA Binding Kinetics of a Binuclear Ruthenium Complex by Energy Transfer:Â Evidence for Slow Shuffling. Journal of Physical Chemistry B, 2005, 109, 21140-21144.	1.2	28
186	Complex DNA Binding Kinetics Resolved by Combined Circular Dichroism and Luminescence Analysis. Journal of Physical Chemistry B, 2008, 112, 6688-6694.	1.2	28
187	DNA strand exchange catalyzed by molecular crowding in PEG solutions. Chemical Communications, 2010, 46, 8231.	2.2	28
188	INTERACTION BETWEEN DNA AND 8â€“METHOXYPSORALEN STUDIED BY LINEAR DICHROISM. Photochemistry and Photobiology, 1979, 29, 1115-1118.	1.3	27
189	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
190	Locations of Functional Domains in the RecA Protein. Overlap of Domains and Regulation of Activities. FEBS Journal, 1996, 242, 20-28.	0.2	27
191	Genetic screening using the colour change of a PNA-DNA hybrid-binding cyanine dye. Nucleic Acids Research, 2002, 30, 3e-3.	6.5	27
192	PNA-Peptide Chimerae. Tetrahedron Letters, 1995, 36, 6933-6936.	0.7	26
193	Thermochemical and Kinetic Evidence for Nucleotide-Sequence-Dependent RECA-DNA Interactions. FEBS Journal, 1997, 245, 715-719.	0.2	26
194	Characterization of a novel cell penetrating peptide derived from human Oct4. Cell Regeneration, 2014, 3, 3:2.	1.1	26
195	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
196	Linear and circular dichroism studies of .pi. .fwdarw. .pi.* transitions in steroidal dienes and .alpha.,.beta.-unsaturated ketones. Journal of the American Chemical Society, 1979, 101, 5515-5522.	6.6	25
197	Flow orientation of brain microtubules studies by linear dichroism. European Biophysics Journal, 1986, 14, 113-22.	1.2	25
198	On the Use of Chiral Compounds for Probing the DNA Handedness: Z to B Conversion in Poly(dGm⁵dC) Upon Binding of Fe(phen)₃²⁺and Ru(phen)₃²⁺. Journal of Biomolecular Structure and Dynamics, 1987, 5, 89-96.	2.0	25

#	Article	IF	Citations
199	Electronic transition moment directions and identification of low-energy n.pi.* states in weakly perturbed purine chromophores. Journal of the American Chemical Society, 1993, 115, 223-231.	6.6	25
200	Retinoid Chromophores as Probes of Membrane Lipid Order. Journal of Physical Chemistry B, 2007, 111, 10839-10848.	1.2	25
201	Simple formulas for dichroism analysis. Orientation of solutes in stretched polymer matrices. Journal of Chemical Physics, 1980, 72, 5032-5038.	1.2	24
202	Nucleic acid-metal interactions. 2. Complexes of silver(I) with guanosine and 7-methylguanine from studies of isotropic and dichroic spectra. The Journal of Physical Chemistry, 1984, 88, 971-976.	2.9	24
203	Alignment of Carbon Nanotubes in Weak Magnetic Fields. Angewandte Chemie - International Edition, 2008, 47, 5148-5152.	7.2	24
204	Ca 2+ improves organization of single-stranded DNA bases in human Rad51 filament, explaining stimulatory effect on gene recombination. Nucleic Acids Research, 2012, 40, 4904-4913.	6.5	24
205	Initial DNA Interactions of the Binuclear Threading Intercalator Î›,Î›â€[Î¼â€bidppz(bipy)₄Ru₂]⁴⁺: An NMR Study with [d(CGCGAATTCGCG)]₂. Chemistry - A European Journal, 2013, 19, 5401-5410.	1.7	24
206	DNA structural features responsible for sequence-dependent binding geometries of Hoechst 33258. , 1996, 38, 593.		24
207	Linear dichroism of free base tetraphenyl porphin. Chemical Physics Letters, 1976, 37, 433-437.	1.2	23
208	Orientation of large DNA during free solution electrophoresis studied by linear dichroism. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 2791-2798.	1.7	23
209	Interactions of Tris(phenanthroline)ruthenium(II) Enantiomers with DNA:Â Effects on Helix Flexibility Studied by the Electrophoretic Behavior of Reptating DNA in Agarose Gelâ€. Journal of Physical Chemistry B, 2000, 104, 3651-3659.	1.2	23
210	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
211	DNA Closed Nanostructures: A Structural and Monte Carlo Simulation Study. Journal of Physical Chemistry B, 2008, 112, 15283-15294.	1.2	23
212	Î´â€Peptides from RuAACâ€Derived 1,5â€Disubstituted Triazole Units. European Journal of Organic Chemistry, 2014, 2014, 2703-2713.	1.2	23
213	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. Journal of Medicinal Chemistry, 1985, 28, 1001-1010.	2.9	22
214	Electronic Transition Dipole Moments of the 1,N6-Ethenoadenine Chromophore. The Journal of Physical Chemistry, 1994, 98, 13460-13469.	2.9	22
215	Ground- and Excited-State Properties of Molecular Complexes between Adenine and 2,7-Diazapyrene and Its N-Methylated Cations. Journal of Physical Chemistry A, 1997, 101, 8853-8860.	1.1	22
216	Structures of self-assembled amphiphilic peptide-heterodimers: effects of concentration, pH, temperature and ionic strength. Soft Matter, 2010, 6, 2260.	1.2	22

#	Article	IF	Citations
217	Tryptophan orientations in membrane-bound gramicidin and melittinâ€"a comparative linear dichroism study on transmembrane and surface-bound peptides. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 219-228.	1.4	22
218	Force-induced melting of DNAâ€"evidence for peeling and internal melting from force spectra on short synthetic duplex sequences. Nucleic Acids Research, 2014, 42, 8083-8091.	6.5	22
219	Optical Activity Developed by Preferential Racemization of One Enantiomer in Racemic Cr(III) (ox)33- Induced by Irradiation with Circularly Polarized Light.. Acta Chemica Scandinavica, 1970, 24, 349-351.	0.7	22
220	Induced Optical Activity in Co(NH3)6(3+) and Co(en)3(3+) Upon Outer-Sphere Association with (+)-Tartarate2- and Other Chiral Anions.. Acta Chemica Scandinavica, 1972, 26, 111-126.	0.7	22
221	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
222	Absence of chiral discrimination in the interaction of tris(diphenylphenanthroline)ruthenium(II) with DNA. Chemical Communications, 1997, , 2375.	2.2	21
223	Assigning Membrane Binding Geometry of Cytochrome c by Polarized Light Spectroscopy. Biophysical Journal, 2009, 96, 3399-3411.	0.2	21
224	Circular Dichroism of Dihedral Rare Earth Carboxylates Chirally Stabilised in a Single-crystal.. Acta Chemica Scandinavica, 1972, 26, 407-409.	0.7	21
225	Linear dichroism study of 9-substituted acridines in stretched poly(vinyl alcohol) film. Chemical Physics Letters, 1982, 85, 302-306.	1.2	20
226	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. FEBS Journal, 1999, 262, 88-94.	0.2	20
227	Physical Rationale Behind the Nonlinear Enthalpyâ^'Entropy Compensation in DNA Duplex Stability. Journal of Physical Chemistry B, 2009, 113, 4698-4707.	1.2	20
228	Vortical flow as a source of optical activity in J aggregates of cyanine dyes. The Journal of Physical Chemistry, 1978, 82, 744-746.	2.9	19
229	Linear dichroism studies of flavins in stretched poly(vinyl alcohol) films. Molecular orientation and electronic transition moment directions.. The Journal of Physical Chemistry, 1983, 87, 220-225.	2.9	19
230	Nanofabrication Yields. Hybridization and Click-Fixation of Polycyclic DNA Nanoassemblies. ACS Nano, 2011, 5, 7565-7575.	7.3	19
231	Enantiospecific kinking of DNA by a partially intercalating metal complex. Chemical Communications, 2012, 48, 4941.	2.2	19
232	Effect of 2.45 GHz microwave radiation on permeability of unilamellar liposomes to 5(6)-carboxyfluorescein. Evidence of non-thermal leakage. Biochimica Et Biophysica Acta - Biomembranes, 1991, 1064, 124-130.	1.4	18
233	Nucleotide Cofactor-Dependent Structural Change of Xenopus laevis Rad51 Protein Filament Detected by Small-Angle Neutron Scattering Measurements in Solution. Biochemistry, 1997, 36, 13524-13529.	1.2	18
234	Spectral Properties and Orientation of Voltage-Sensitive Dyes in Lipid Membranes. Langmuir, 2012, 28, 10808-10817.	1.6	18

#	Article	IF	Citations
235	Location of excimer-forming adducts of (+)-anti-benzo[a]pyrenediol epoxide in DNA. Journal of the American Chemical Society, 1993, 115, 1639-1644.	6.6	17
236	Binding geometries of triple helix selective benzopyrido [4,3-b]indole ligands complexed with double- and triple-helical polynucleotides. Biopolymers, 1997, 42, 101-111.	1.2	17
237	Recognition and characterization of binding modes of Î”- and Î›-[Ru(phen)3]2+ and Î”- and Î›-[Ru(phen)2DPPZ]2+ by the NMR relaxation and binding free energy parameters. Chemical Physics, 1998, 236, 301-308.	0.9	17
238	In VitroMembrane Penetration of Modified Peptide Nucleic Acid (PNA). Journal of Biomolecular Structure and Dynamics, 1999, 17, 33-40.	2.0	17
239	Double-lock ratchet mechanism revealing the role of Î±SER-344 in F _o F ₁ ATP synthase. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4828-4833.	3.3	17
240	A stretched conformation of DNA with a biological role?. Quarterly Reviews of Biophysics, 2017, 50, e11.	2.4	17
241	Secondary Structure of RecA in Solution. The Effects of Cofactor, DNA and Ionic Conditions. FEBS Journal, 1995, 228, 149-154.	0.2	17
242	Structure of DNA metal complexes in solution studied by linear and circular dichroism. [Pt(II)(ethylenediamine)(2,2â€²-dipyridine)]2+ binds strongly to DNA by intercalation. [Cu(II)(2,2â€²-dipyridine)2]2+ is not intercalated. Inorganica Chimica Acta, 1978, 31, 83-95.	1.2	16
243	Stereoselective decarboxylation of amino acids in the solid state, with special reference to chiral discrimination in prebiotic evolution. Journal of Molecular Evolution, 1985, 21, 364-370.	0.8	16
244	Conformation of thiocolchicine and two B-ring-modified analogs bound to tubulin studied with optical spectroscopy. Biochemistry, 1991, 30, 1179-1187.	1.2	16
245	Second-Site RecAâ€ DNA Interactions:Â Lack of Identical Recognition. Biochemistry, 1996, 35, 15349-15355.	1.2	16
246	Shear-Induced Membrane Fusion in Viscous Solutions. Langmuir, 2014, 30, 4875-4878.	1.6	16
247	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
248	Circular Dichroism Measurements on Oriented Optically Active Species.. Acta Chemica Scandinavica, 1972, 26, 1763-1776.	0.7	16
249	Scattering anisotropy of partially oriented samples: turbidity flow linear dichroism (conservative) Tj ETQq1 1 0.784314 rgBT /Overlock	2.9	15
250	Enhancement of binding rate of RecA protein to DNA by carcinogenic benzo[a]pyrene derivatives and selective change of adduct conformation. Carcinogenesis, 1993, 14, 311-313.	1.3	15
251	Spectroscopic studies of the trans adducts derived from (+)- and (â€“)-anti-benzo[a]pyrene-7,8-dihydrodiol-9,10-epoxide and the oligonucleotide 5'-d(CCTATAGATATCC). Carcinogenesis, 1994, 15, 2207-2213.	1.3	15
252	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

#	Article	IF	Citations
253	Renaturation of DNA in ethanol-methanol solvent induced by complexation with methyl green. Biopolymers, 1978, 17, 523-525.	1.2	14
254	On the structure of active chromatin. FEBS Letters, 1984, 169, 309-312.	1.3	14
255	Competitive Binding Between Unmodified and Etheno DNA Provides Information About Structure and Stoichiometry of RECA-DNA Complexes. Nucleosides & Nucleotides, 1988, 7, 783-786.	0.5	14
256	Electronic linear dichroism spectrum and transition moment directions of the hypermodified nucleic acid base Wye. The Journal of Physical Chemistry, 1990, 94, 4006-4011.	2.9	14
257	Reinterpretation of Linear Dichroism of Chromatin Supports a Perpendicular Linker Orientation in the Folded State. Journal of Biomolecular Structure and Dynamics, 1990, 8, 37-54.	2.0	14
258	DNA Interaction with Chiral Metal Complexes. Nucleosides & Nucleotides, 1991, 10, 195-205.	0.5	14
259	Ratchet device with broken friction symmetry. Applied Physics Letters, 2002, 80, 2601-2603.	1.5	14
260	Absolute configuration and electronic state properties of light-switch complex [Ru(phen)2dppz]2+ deduced from oriented circular dichroism in a lamellar liquid crystal host. Chemical Physics Letters, 2002, 354, 44-50.	1.2	14
261	DNA Duplex Length and Salt Concentration Dependence of Enthalpyâ^'Entropy Compensation Parameters for DNA Melting. Journal of Physical Chemistry B, 2009, 113, 11375-11377.	1.2	14
262	Controlling and Monitoring Orientation of DNA Nanoconstructs on Lipid Surfaces. Langmuir, 2013, 29, 285-293.	1.6	14
263	Circular dichroism spectrum and absolute configuration of tris(acetylacetonato) chromium(III). Inorganic and Nuclear Chemistry Letters, 1975, 11, 387-394.	0.7	13
264	Rearrangement of a platinum (II) complex in DNA from intercalation outer-sphere position to non-intercalation coordination. FEBS Letters, 1978, 94, 204-206.	1.3	13
265	Nucleic acid-metal interactions. III. Complexes of Ag(I) with adenine and 1-methyladenine from studies of UV and IR dichroic spectra. Journal of Crystallographic and Spectroscopic Research, 1985, 15, 545-560.	0.3	13
266	Was natural Î² radioactivity of carbon-14 the origin of optical one-handedness in life?. Journal of Radioanalytical and Nuclear Chemistry, 1986, 104, 337-347.	0.7	13
267	Electric and Flow Linear Dichroism of Unfolded and Condensed Chromatin: A Comparative Study at Low and Intermediate Ionic Strength. Journal of Biomolecular Structure and Dynamics, 1989, 7, 19-33.	2.0	13
268	Accessibility to modification of histidine residues of RecA protein upon DNA and cofactor binding. FEBS Journal, 1993, 217, 665-670.	0.2	13
269	Synthesis and Fluorescence Properties of Novel Transmembrane Probes and Determination of Their Orientation within Vesicles. Helvetica Chimica Acta, 2000, 83, 2464-2476.	1.0	13
270	Mechanism of DNA Strand Exchange at Liposome Surfaces Investigated Using Mismatched DNA. Langmuir, 2009, 25, 1606-1611.	1.6	13

#	Article	IF	Citations
271	Using Ethidium To Probe Nonequilibrium States of DNA Condensed for Gene Delivery. Biochemistry, 2011, 50, 1125-1127.	1.2	13
272	Rate of hydrolysis in ATP synthase is fine-tuned by Î±-subunit motif controlling active site conformation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2117-2122.	3.3	13
273	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
274	On the Calibration of Circular Dichroism Spectrometers.. Acta Chemica Scandinavica, 1973, 27, 4021-4024.	0.7	13
275	Optical resolution of tris (acetylacetonato) aluminium(III) by low temperature chromatography. Inorganic and Nuclear Chemistry Letters, 1976, 12, 33-41.	0.7	12
276	Conserved Conformation of RecA Protein after Executing the DNA Strand-Exchange Reaction. A Site-Specific Linear Dichroism Structure Studyâ€. Biochemistry, 2006, 45, 11172-11178.	1.2	12
277	Thermodynamic Aspects of DNA Nanoconstruct Stability and Design. Journal of Physical Chemistry C, 2009, 113, 5941-5946.	1.5	12
278	Nonlinear absorption spectra of ethidium and ethidium homodimer. Chemical Physics, 2012, 404, 33-35.	0.9	12
279	Towards Artificial Photosynthesis of CO₂â€Neutral Fuel: Homogenous Catalysis of CO₂â€Selective Reduction to Methanol Initiated by Visibleâ€Lightâ€Driven Multiâ€Electron Collector. ChemCatChem, 2012, 4, 1746-1750.	1.8	12
280	Interactions of Binuclear Ruthenium(II) Complexes with Oligonucleotides in Hydrogel Matrix: Enantioselective Threading Intercalation into GC Context. Journal of Physical Chemistry B, 2013, 117, 2947-2954.	1.2	12
281	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
282	Quantum entanglement: facts and fiction â€“ how wrong was Einstein after all?. Quarterly Reviews of Biophysics, 2016, 49, e17.	2.4	12
283	Probing Microscopic Orientation in Membranes by Linear Dichroism. Langmuir, 2016, 32, 2841-2846.	1.6	12
284	A new electronic transition in the polarized spectrum of dimethyl aniline. Chemical Physics Letters, 1974, 28, 39-40.	1.2	11
285	general Aspects on Linear Dichroism Spectroscopy and its Application. Spectroscopy Letters, 1977, 10, 381-400.	0.5	11
286	Trisintercalation in DNA by N-[3-(9-acridinylamino)propyl]-N,N-bis[6-(9-acridinylamino)hexyl]amine. Journal of the Chemical Society Chemical Communications, 1984, , 509-511.	2.0	11
287	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). Journal of the Chemical Society Chemical Communications, 1988, , 211-212.	2.0	11
288	X- and Y-Polarized Spectra of Chlorophyll a and Pheophytin a in the Red Region: Resolution Enhancement and Gaussian Deconvolution. Australian Journal of Chemistry, 1992, 45, 1559.	0.5	11

#	Article	IF	Citations
289	Coordination and internal exchange of two DNA molecules in a RecA filament in the presence of hydrolysing ATP. Information on ATP-RecA-DNA structure from linear dichroism spectroscopy. FEBS Journal, 1992, 210, 87-92.	0.2	11
290	Effects of Intercalators on Complexation of RecA with Duplex DNA. Biochemistry, 1995, 34, 16365-16374.	1.2	11
291	Base Orientation of Second DNA in RecAÂ·DNA Filaments. Journal of Biological Chemistry, 1998, 273, 15682-15686.	1.6	11
292	A Simple Model for Gene Targeting. Biophysical Journal, 2001, 81, 2876-2885.	0.2	11
293	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
294	ATP Hydrolysis in the RecAâ€“DNA Filament Promotes Structural Changes at the Proteinâ€“DNA Interface. Biochemistry, 2015, 54, 4579-4582.	1.2	11
295	Linear and circular dichroism characterization of thionine binding mode with DNA polynucleotides. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 189, 86-92.	2.0	11
296	The Sialic Acid-Dependent Nematocyst Discharge Process in Relation to Its Physical-Chemical Properties Is a Role Model for Nanomedical Diagnostic and Therapeutic Tools. Marine Drugs, 2019, 17, 469.	2.2	11
297	Nanomedical Relevance of the Intermolecular Interaction Dynamicsâ€”Examples from Lysozymes and Insulins. ACS Omega, 2019, 4, 4206-4220.	1.6	11
298	Circular dichroism and absolute configuration of tris(acetyl-acetonato) cobalt(III). Inorganic and Nuclear Chemistry Letters, 1976, 12, 43-47.	0.7	10
299	Structural evidence on DNA carcinogen interactions. Biophysical Chemistry, 1978, 8, 385-391.	1.5	10
300	Circular dichroism and the configuration of deprotonated tris-tartrato chromium(III) complex. Inorganica Chimica Acta, 1978, 29, 189-192.	1.2	10
301	Spectroscopic investigation of magnetic dipole allowed transitions through the magnetic transition moment. Chemical Physics Letters, 1979, 67, 99-102.	1.2	10
302	Optical activity of bis(thiocarbamide)bis(amino acid)platinum(II) complexes. Inorganic Chemistry, 1983, 22, 2637-2642.	1.9	10
303	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. Carcinogenesis, 1987, 8, 899-905.	1.3	10
304	Effects of proteolysis of the extending parts of the high-molecular-weight microtubule-associated proteins on interactions between microtubules. BBA - Proteins and Proteomics, 1988, 955, 135-142.	2.1	10
305	Effects of a hairpin polyamide on DNA melting: comparison with distamycin and Hoechst 33258. Biophysical Chemistry, 2004, 111, 205-212.	1.5	10
306	DNA in a Polyvinyl Alcohol Matrix and Interactions with Three Intercalating Cyanine Dyes. Journal of Physical Chemistry B, 2011, 115, 12192-12201.	1.2	10

#	Article	IF	Citations
307	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
308	Magnetic circular dichroism of heterocycles: thiophene. Chemical Physics Letters, 1977, 50, 306-308.	1.2	9
309	Simple formulas for rotation averages of spectroscopic intensities. Chemical Physics, 1979, 41, 431-437.	0.9	9
310	On the use of moments for describing the molecular orientation distribution. Chemical Physics Letters, 1980, 75, 398-402.	1.2	9
311	Absorption anisotropy of cubic or randomly oriented chromophores in anisotropic solvents. Dispersion induced linear dichroism (DILD). Chemical Physics, 1981, 57, 365-375.	0.9	9
312	Effects of Ag+and Hg2+on the structure of DNA in solution studied by flow linear dichroism. Biopolymers, 1983, 22, 601-604.	1.2	9
313	Stepwise unfolding of chromatin by urea. A flow linear dichroism and photoaffinity labeling study. FEBS Journal, 1985, 147, 65-68.	0.2	9
314	Fluorescence-detected interactions of oligonucleotides in RecA complexes. FEBS Letters, 1995, 368, 64-68.	1.3	9
315	Methylene blue intercalates with triplex poly(dT)*poly(dA)Â·poly(dT) but not duplex poly(dA)Â·poly(dT). Journal of the Chemical Society Chemical Communications, 1995, , 53-54.	2.0	9
316	Mechanical Control of ATP Synthase Function: Activation Energy Difference between Tight and Loose Binding Sites. Biochemistry, 2010, 49, 401-403.	1.2	9
317	Flow-alignment of bicellar lipid mixtures: orientations of probe molecules and membrane-associated biomacromolecules in lipid membranes studied with polarized light. Chemical Communications, 2011, 47, 7356.	2.2	9
318	Detection of n-Ï€* transitions in pyridine and pyrazine in polyethylene solution by linear dichroism. Chemical Physics Letters, 1973, 23, 200-202.	1.2	8
319	Optical resolution by chromatography at low temperature. Nature, 1975, 258, 597-597.	13.7	8
320	Linear dichroism of cations and anions in micellar solutions. Nature, 1976, 261, 400-402.	13.7	8
321	Electronic spectra of dithieno analogues of phenanthrene. Chemical Physics, 1979, 40, 397-404.	0.9	8
322	Molecular flexibility of extended and compacted polynucleosomes. European Biophysics Journal, 1988, 16, 231-41.	1.2	8
323	Unspecific DNA binding of the DNA binding domain of the glucocorticoid receptor studied with flow linear dichroism. FEBS Letters, 1989, 253, 28-32.	1.3	8
324	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

#	Article	IF	Citations
325	Flow Linear Dichroism and Electron Microscopic Analysis of Protein-DNA Complexes of a Mutant UvrB Protein that Binds to but cannot Kink DNA. Journal of Molecular Biology, 1994, 241, 645-650.	2.0	8
326	Studies on the Adduct Heterogeneity of Benzo[a]pyrene 7,8-Dihydrodiol 9,10-Epoxide Stereoisomers Covalently Bound to Deoxyribooligonucleotides by Induced Circular Dichroism and Light Absorption Spectroscopy. Chemical Research in Toxicology, 1999, 12, 403-411.	1.7	8
327	Probing DNA Conductivity with Photoinduced Electron Transfer and Scanning Tunneling Microscopy. Journal of Biomolecular Structure and Dynamics, 2000, 17, 277-283.	2.0	8
328	Chemical-to-Mechanical Energy Conversion in Biomacromolecular Machines: A Plasmon and Optimum Control Theory for Directional Work. 1. General Considerations. Journal of Physical Chemistry B, 2008, 112, 8319-8329.	1.2	8
329	Orientation of Î±-Synuclein at Negatively Charged Lipid Vesicles: Linear Dichroism Reveals Time-Dependent Changes in Helix Binding Mode. Journal of the American Chemical Society, 2021, 143, 18899-18906.	6.6	8
330	Transition moment directions of some important in-plane vibrations of uracil, thymine and cytosine. A fixed partial charge model calculation. Chemical Physics Letters, 1984, 109, 412-415.	1.2	7
331	Sniffing out early reaction intermediates. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2186-2187.	3.3	7
332	Short Oligonucleotides Aligned in Stretched Humid Matrix: Secondary DNA Structure in Poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	7
333	Electric Dichroism Spectroscopy. Spectroscopy Letters, 1977, 10, 447-454.	0.5	6
334	Field Effects in Condensed Media on Polarized Absorption. Spectroscopy Letters, 1977, 10, 455-470.	0.5	6
335	Formation of silverâ€“adenine long-chain aggregates in neutral aqueous solution: study of flow linear dichroism. Journal of the Chemical Society Chemical Communications, 1984, , 1573-1574.	2.0	6
336	Structure of Z-DNA in solution. A flow linear dichroism study. Journal of the Chemical Society Chemical Communications, 1985, , 1300-1302.	2.0	6
337	Nucleic acid-metal interactions. IV. Complexes of Ag(I) with thymine and cytosine from studies of UV and IR dichroic spectra. Journal of Crystallographic and Spectroscopic Research, 1986, 16, 217-226.	0.3	6
338	Excimer fluorescence of (+)-anti-benzo (a)pyrene diol epoxide covalently bound to poly (dG-dC): Structural implications. Biopolymers, 1990, 29, 1249-1260.	1.2	6
339	Z â†' B transition in poly[d(G-m5C)2] induced by interaction with 4â€²,6-diamidino-2-phenylindole. Biopolymers, 1993, 33, 1677-1686.	1.2	6
340	Binding of RecA to anti-parallel poly(dA) Â· 2poly(dT) triple helix DNA. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1995, 1264, 129-133.	2.4	6
341	The L2 loop peptide of RecA stiffens and restricts base motions of single-stranded DNA similar to the intact protein1. FEBS Letters, 1999, 446, 30-34.	1.3	6
342	Pendulum as a model system for driven rotation in molecular nanoscale machines. Physical Review E, 2000, 61, 3256-3259.	0.8	6

#	Article	IF	Citations
343	PROTEIN FOLDING AS A RESULT OF 'SELF-REGULATED STOCHASTIC RESONANCE': A NEW PARADIGM?. Biophysical Reviews and Letters, 2008, 03, 343-363.	0.9	6
344	Transition State of Rare Event Base Pair Opening Probed by Threading into Looped DNA. ChemBioChem, 2011, 12, 2001-2006.	1.3	6
345	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
346	Absorption Statistics in Linear Dichroism. Spectroscopy Letters, 1977, 10, 483-488.	0.5	5
347	Linear dichroism probes to study internal electric fields. Nature, 1977, 269, 314-316.	13.7	5
348	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
349	Form dichroism and the study of molecular shape. Chemical Physics, 1978, 30, 177-186.	0.9	5
350	The cofactor ATP in DNA-RecA complexes is not intercalated between DNA bases. Journal of Molecular Recognition, 1994, 7, 221-226.	1.1	5
351	Spectroscopic Observation of Renaturation Between Polynucleotides Interacting with RecA in the Presence of ATP Hydrolysis. FEBS Journal, 1994, 224, 39-45.	0.2	5
352	Thermodynamics of PNA Interactions with DNA and RNA. , 2002, 208, 59-88.		5
353	A Polarized-Light Spectroscopy Study of Interactions of a Hairpin Polyamide with DNA. Biophysical Journal, 2006, 91, 904-911.	0.2	5
354	Enhanced DNA strand exchange on positively charged liposomes. Soft Matter, 2008, 4, 2500.	1.2	5
355	Energy phase shift as mechanism for catalysis. Chemical Physics Letters, 2012, 535, 169-172.	1.2	5
356	Entangled photons from single atoms and molecules. Chemical Physics, 2018, 507, 28-33.	0.9	5
357	Photoreaction between Trisethylenediamine Cobalt(III) (Co(en)3(3+)) and Ethylenediaminetetraacetate (H2Y(2-)).. Acta Chemica Scandinavica, 1971, 25, 2776-2778.	0.7	5
358	Flow linear dichroism supports an accordion model for the salt-induced condensation of chromatin. Biochemical Pharmacology, 1988, 37, 1813-1814.	2.0	4
359			

#	Article	IF	Citations
361	Dissociation of Non-Complementary Second DNA from RecA Filament without ATP Hydrolysis: Mechanism of Search for Homologous DNA. Journal of Biochemistry, 1997, 121, 1070-1075.	0.9	4
362	Calorimetric Analysis of Binding of two Consecutive DNA Strands to RecA Protein Illuminates Mechanism for Recognition Of Homology. Journal of Molecular Biology, 2007, 365, 603-611.	2.0	4
363	Fuels for Transportation. Ambio, 2010, 39, 31-35.	2.8	4
364	Enhanced Cellular Uptake of Antisecretory Peptide AF-16 through Proteoglycan Binding. Biochemistry, 2014, 53, 6566-6573.	1.2	4
365	Linear Dichroism and Induced Circular Dichroism for Studying Structure and Interactions of DNA. , 1988, , 133-165.		4
366	Induced Optical Activity in Co(NH3)6(3+) by Outer-sphere Association with Chiral Anions.. Acta Chemica Scandinavica, 1974, 28a, 289-293.	0.7	4
367	Evidence for the non-planar structure in solution of the copper(II) schiff base complex from acetylacetone and ethylenediamine from linear dichroism and induced circular dichroism. Inorganic and Nuclear Chemistry Letters, 1975, 11, 67-73.	0.7	3
368	Low temperature circular dichroism artifacts. Birefringence-free cryostat. Spectrochimica Acta Part A: Molecular Spectroscopy, 1976, 32, 441-442.	0.1	3
369	Electronic-Transitions in the Near-Ultraviolet Spectra of Uracil, Thymine, Uridylyl(3'-5')uridine and Thymidylyl(3'-5')thymidine. Australian Journal of Chemistry, 1988, 41, 1509.	0.5	3
370	B to Z transition in poly(dG-dC) modified with benzo(a)pyrene diol epoxides studied with polarized light spectroscopy. Biopolymers, 1990, 29, 1261-1275.	1.2	3
371	Further Evidence for Binding of Three Single-Stranded DNA Molecules by the RecA Filament. Journal of Biochemistry, 1995, 117, 947-951.	0.9	3
372	Electronic Spectra and Transition Moments of 6-(2â€˜-Pyridiniumyl)phenanthridinium Photoactive DNA Intercalators. Journal of Physical Chemistry B, 1997, 101, 5196-5204.	1.2	3
373	DNA Binding of âˆ§-and Î”-cis-Î²-[Ru(RR-picchxn)(phen)]²⁺Studied by NMR and Flow Linear Dichroism Spectroscopy. Journal of Biomolecular Structure and Dynamics, 1999, 17, 519-525.	2.0	3
374	A new highly adaptable design of shear-flow device for orientation of macromolecules for Linear Dichroism (LD) measurement. Analyst, The, 2011, 136, 3303.	1.7	3
375	Structural Heterogeneity in Polynucleotide-Facilitated Assembly of Phenothiazine Dyes. Journal of Physical Chemistry B, 2018, 122, 2891-2899.	1.2	3
376	Structural Water Stabilizes Protein Motifs in Liquid Protein Phase: The Folding Mechanism of Short Î²-Sheets Coupled to Phase Transition. International Journal of Molecular Sciences, 2021, 22, 8595.	1.8	3
377	New Techniques for Aligning Molecules: Migrative Orientation. , 1988, , 197-209.		3
378	Circular Dichroism Measurements on Oriented Films Containing Dissymmetric Cobalt Complexes.. Acta Chemica Scandinavica, 1970, 24, 2681-2692.	0.7	3

#	Article	IF	Citations
379	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
380	Linear Dichroism of Chloroplasts and Subchloroplast Fractions Oriented by Flow. Spectroscopy Letters, 1977, 10, 489-493.	0.5	2
381	Critical aspects on optical-Kerr effects of macromolecules. Lack of measurable orientation of DNA. The Journal of Physical Chemistry, 1987, 91, 1957-1960.	2.9	2
382	Enantioselective DNA Binding Geometries of Î” and Î› Ru(phenanthroline)‹sub›3‹/sub›‹sup›2+‹/sup›Studied with Linear Dichroism. Nucleosides & Nucleotides, 1988, 7, 661-665.	0.5	2
383	Interaction of benz[a]pyrene diol epoxide with chromatin studied by flow linear dichroism. FEBS Letters, 1989, 248, 201-204.	1.3	2
384	Properties of RecA Complexes with Homopolymeric DNA Strands Depend on Sequence Complementarity. Implications for the Mechanism of Strand Exchange. Nucleosides & Nucleotides, 1994, 13, 753-772.	0.5	2
385	DNA Strand Exchange on Liposome Surfaces. Nucleic Acids Symposium Series, 2008, 52, 465-465.	0.3	2
386	High anisotropy of flow-aligned bicellar membrane systems. Chemistry and Physics of Lipids, 2013, 175-176, 105-115.	1.5	2
387	Michlerâ€™s hydrol blue elucidates structural differences in prion strains. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29677-29683.	3.3	2
388	Which are the â€˜Hilbert Problemsâ€™ of Biophysics?. QRB Discovery, 2021, 2, .	0.6	2
389	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
390	A Compound between Polyvinyl-alcohol and Copper(II) Ammines.. Acta Chemica Scandinavica, 1971, 25, 3545-3546.	0.7	2
391	A method for determination of the refractive index in a region of absorption. Anomalous dispersion of CS2 in the UV range. Chemical Physics, 1975, 8, 223-230.	0.9	1
392	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
393	Linear Dichroism of 1,4-Benzodiazepines. Spectroscopy Letters, 1976, 9, 301-311.	0.5	1
394	Dispersive contributions to the linear dichroism of chromophores oriented by association to biopolymers or in anisotropic solvents: Associate induced linear dichroism (AILD). Journal of Chemical Physics, 1982, 77, 2302-2308.	1.2	1
395	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. Origins of Life and Evolution of Biospheres, 1986, 16, 421-422.	0.8	1
396	Secondary Structure of RecA in Solution. The Effects of Cofactor, DNA and Ionic Conditions. FEBS Journal, 1995, 228, 149-154.	0.2	1

#	Article	IF	Citations
397	Recognition of Double-Stranded Dna by Peptide Nucleic Acid. Nucleosides & Nucleotides, 1997, 16, 599-602.	0.5	1
398	The Molecular Frontiers Foundation: Capturing the Interest of Young Minds. Angewandte Chemie - International Edition, 2012, 51, 5262-5263.	7.2	1
399	DNA hosted and aligned in aqueous interstitia of a lamellar liquid crystal â€“ a membraneâ€“biomacromolecule interaction model system. Soft Matter, 2013, 9, 7951.	1.2	1
400	Role of Water for Life. Molecular Frontiers Journal, 2019, 03, 3-19.	0.9	1
401	Understanding Rad51 function is a prerequisite for progress in cancer research. QRB Discovery, 2020, 1, .	0.6	1
402	Mismatch detection in homologous strand exchange amplified by hydrophobic effects. Biopolymers, 2021, 112, e23426.	1.2	1
403	The Mole, Avogadroâ€™s Number and Albert Einstein. Molecular Frontiers Journal, 2021, 05, 66-78.	0.9	1
404	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
405	Linear Dichroism of [2.2.2.2]Paracyclophanetetraene and [2.2.2.2.2.2]Paracyclophanetetraenediyne in Stretched Polyethylene Film.. Acta Chemica Scandinavica, 1986, 40b, 204-209.	0.7	1
406	Preparation of radioactive enantiomers of amino acids using labelled racemates only. Journal of Radioanalytical and Nuclear Chemistry, 1988, 126, 199-204.	0.7	0
407	Structural properties of the covalent (+)-anti-BPDE-poly(dG-dC)(dG-dC) complex. Biochemical Pharmacology, 1988, 37, 1859-1860.	2.0	0
408	Induced Circular Dichroism. , 1999, , 869-874.		0
409	Contributory presentations/posters. Journal of Biosciences, 1999, 24, 33-198.	0.5	0
410	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
411	Addressable Molecular Node Assembly - High Information Density DNA Nanostructures. Nucleic Acids Symposium Series, 2008, 52, 683-684.	0.3	0
412	A Membrane Anchored DNA-based Energy/Electron Transfer Assembly. Nucleic Acids Symposium Series, 2008, 52, 691-691.	0.3	0
413	DNA Strand Exchange on Liposome Surfaces. Biophysical Journal, 2009, 96, 20a.	0.2	0
414	Covalent functionalization of carbon nanotube forests grown in situ on a metal-silicon chip. Proceedings of SPIE, 2012, , .	0.8	0

#	Article	IF	Citations
415	Die Molecular Frontiers Foundation: das Interesse junger Menschen wecken. Angewandte Chemie, 2012, 124, 5356-5357.	1.6	0
416	Tension Induces a Base-Paired Overstretched DNA Conformation. Biophysical Journal, 2013, 104, 165a.	0.2	0
417	Characterization of a novel cell penetrating peptide derived from human Oct4. New Biotechnology, 2014, 31, S6.	2.4	0
418	Polarized Spectroscopy with Fluorescent Biomolecular Building Blocks. , 0, , 40-54.		0
419	QRB Discovery: introducing original research to QRB. Quarterly Reviews of Biophysics, 2016, 49, e8.	2.4	0
420	Circular Dichroism, Induced. , 2017, , 299-304.		0
421	A Proof for Sterically Specific Outer Sphere Complex Formation with [Co(en)3]3+.. Acta Chemica Scandinavica, 1969, 23, 2925-2927.	0.7	0
422	Locations of functional domains in the RecA protein. , 1996, , 241-249.		0
423	Induced Circular Dichroism*. , 1999, , 999-1004.		0
424	A thermodynamic Metric for Assessing Sustainable Use of Natural Resources. International Journal of Thermodynamics, 2015, 18, 66.	0.4	0
425	Molbegreppet och Albert Einstein. Kosmos, 2020, 96, 82-101.	0.0	0
426	Molbegreppet och Albert Einstein. Kosmos, 2020, 96, 82-101.	0.0	0