

Bengt Norden

List of Publications by Year in descending order

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426
papers

22,520
citations

8208

78
h-index

13635

134
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444
all docs

444
docs citations

444
times ranked

16434
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	Molbgreppet och Albert Einstein. <i>Kosmos</i> , 2020, 96, 82-101.	0.0	0
9	Molbgreppet 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 interstia 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 -[1/4]bipyridine(bipy) 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
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