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Subject to Index to Volume 76

α Helix stability

Receptor protein-tyrosine kinase; Structure–dynamics activity relationships; $\alpha \rightarrow \pi$ Helix transition; Membrane environment (Duneau, J.-P. (76) 35)

$\alpha \rightarrow \pi$ Helix transition

Receptor protein-tyrosine kinase; Structure–dynamics activity relationships; α Helix stability; Membrane environment (Duneau, J.-P. (76) 35)

α -helix

Peptide; Bilayer; Antimicrobial; Dipole potential; Molecular dynamics (La Rocca, P. (76) 145)

5-Bromodeoxycytosine

Stability; Conformation; Hairpin triplex (Yang, L. (76) 25)

Anion

Cation; Glycine; Isentropic compressibility; Molar volume; Refractive index (Soto, A. (76) 73)

Antimicrobial

Peptide; Bilayer; Dipole potential; α -helix; Molecular dynamics (La Rocca, P. (76) 145)

Asymmetric perturbations

Symmetric schemes; Structural metastability; Dynamic order; Turbulence (Basu, S. (76) 1)

B to H^L transition

Sanguinarine; Ethidium; B to Z transition; Ligand–polymorphic DNA interaction (Das, S. (76) 199)

B to Z transition

Sanguinarine; Ethidium; B to H^L transition; Ligand–polymorphic DNA interaction (Das, S. (76) 199)

Bilayer

Peptide; Antimicrobial; Dipole potential; α -helix; Molecular dynamics (La Rocca, P. (76) 145)

Blockers

Diffusion; Ligand binding; Numerical simulation (Condat, C.A. (76) 185)

Cation

Anion; Glycine; Isentropic compressibility; Molar volume; Refractive index (Soto, A. (76) 73)

Cold denaturation

DSC; Hydration entropy; Second law; Independent and coupled processes; Fluctuations; Enthalpy partitioning (Hallerbach, B. (76) 219)

Computer simulation

Native mouse spleenocytes; Opioid receptor binding; Cycle of G protein (Barsegov, V. (76) 55)

Conformation

Stability; Hairpin triplex; 5-Bromodeoxycytosine (Yang, L. (76) 25)

Cycle of G protein

Native mouse spleenocytes; Opioid receptor binding; Computer simulation (Barsegov, V. (76) 55)

DNA condensation

Fluorescence microscopy; Macromolecular crowding effect; Polyion-complex; Single molecular observation; Higher-order structure (Kidoaki, S. (76) 133)

DNA

Dimerization; Hairpin; Duplex; Electrophoresis (Shubsda, M. (76) 95)

DNA

Pressure; Fourier transform infrared spectroscopy; Structure (Lin, M.-C. (76) 87)

DSC

Cold denaturation; Hydration entropy; Second law; Independent and coupled processes; Fluctuations; Enthalpy partitioning (Hallerbach, B. (76) 219)

Diffusion

Ligand binding; Blockers; Numerical simulation (Condat, C.A. (76) 185)

Dimerization

DNA; Hairpin; Duplex; Electrophoresis (Shubsda, M. (76) 95)

Dipole potential

Peptide; Bilayer; Antimicrobial; α -helix; Molecular dynamics (La Rocca, P. (76) 145)

Duplex

DNA; Dimerization; Hairpin; Electrophoresis (Shubsda, M. (76) 95)

Dynamic order

Symmetric schemes; Structural metastability; Asymmetric perturbations; Turbulence (Basu, S. (76) 1)

Electrophoresis

DNA; Dimerization; Hairpin; Duplex (Shubsda, M. (76) 95)

Enthalpy partitioning

DSC; Cold denaturation; Hydration entropy; Second law; Independent and coupled processes; Fluctuations (Hallerbach, B. (76) 219)

Ethidium

Sanguinarine; B to Z transition; B to H^L transition; Ligand-polymorphic DNA interaction (Das, S. (76) 199)

Excluded volume

Sedimentation equilibrium; Virial coefficient; Net charge; Lysozyme; Ovalbumin (Behlke, J. (76) 13)

Fluctuations

DSC; Cold denaturation; Hydration entropy; Second law; Independent and coupled processes; Enthalpy partitioning (Hallerbach, B. (76) 219)

Fluorescence microscopy

DNA condensation; Macromolecular crowding effect; Polyion-complex; Single molecular observation; Higher-order structure (Kodoaki, S. (76) 133)

Fourier transform infrared spectroscopy

DNA; Pressure; Structure (Lin, M.-C. (76) 87)

Fura-2

Gangliosides; PC-12 cells; Membrane dynamics; TMA-DPH; Laurdan (Ravichandra, B. (76) 117)

Gangliosides

PC-12 cells; Membrane dynamics; TMA-DPH; Laurdan; Fura-2 (Ravichandra, B. (76) 117)

Glycine

Cation; Anion; Isentropic compressibility; Molar volume; Refractive index (Soto, A. (76) 73)

Hairpin triplex

Stability; Conformation; 5-Bromodeoxycytosine (Yang, L. (76) 25)

Hairpin

DNA; Dimerization; Duplex; Electrophoresis (Shubsda, M. (76) 95)

Higher-order structure

Fluorescence microscopy; DNA condensation; Macromolecular crowding effect; Polyion-complex; Single molecular observation (Kodoaki, S. (76) 133)

Hydration entropy

DSC; Cold denaturation; Second law; Independent and coupled processes; Fluctuations; Enthalpy partitioning (Hallerbach, B. (76) 219)

Independent and coupled processes

DSC; Cold denaturation; Hydration entropy; Second law; Fluctuations; Enthalpy partitioning (Hallerbach, B. (76) 219)

Isentropic compressibility

Cation; Anion; Glycine; Molar volume; Refractive index (Soto, A. (76) 73)

Laurdan

Gangliosides; PC-12 cells; Membrane dynamics; TMA-DPH; Fura-2 (Ravichandra, B. (76) 117)

Ligand binding

Diffusion; Blockers; Numerical simulation (Condat, C.A. (76) 185)

Ligand-polymorphic DNA interaction

Sanguinarine; Ethidium; B to Z transition; B to H^L transition (Das, S. (76) 199)

Lysozyme

Sedimentation equilibrium; Virial coefficient; Excluded volume; Net charge; Ovalbumin (Behlke, J. (76) 13)

Macromolecular crowding effect

Fluorescence microscopy; DNA condensation; Polyion-complex; Single molecular observation; Higher-order structure (Kodoaki, S. (76) 133)

Membrane dynamics

Gangliosides; PC-12 cells; TMA-DPH; Laurdan; Fura-2 (Ravichandra, B. (76) 117)

Membrane environment

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Molar volume

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Molecular dynamics

Peptide; Bilayer; Antimicrobial; Dipole potential; α -helix (La Rocca, P. (76) 145)

NO reactions

Nitric oxide; Quench–flow kinetics (Caccia, S. (76) 63)

Native mouse spleenocytes

Opioid receptor binding; Cycle of G protein; Computer simulation (Barsegov, V. (76) 55)

Net charge

Sedimentation equilibrium; Virial coefficient; Excluded volume; Lysozyme; Ovalbumin (Behlke, J. (76) 13)

Nitric oxide

NO reactions; Quench–flow kinetics (Caccia, S. (76) 63)

Numerical simulation

Diffusion; Ligand binding; Blockers (Condat, C.A. (76) 185)

Opioid receptor binding

Native mouse spleenocytes; Cycle of G protein; Computer simulation (Barsegov, V. (76) 55)

Ovalbumin

Sedimentation equilibrium; Virial coefficient; Excluded volume; Net charge; Lysozyme (Behlke, J. (76) 13)

Polyion-complex

Fluorescence microscopy; DNA condensation; Macromolecular crowding effect; Single molecular observation; Higher-order structure (Kodoaki, S. (76) 133)

PC-12 cells

Gangliosides; Membrane dynamics; TMA-DPH; Laurdan; Fura-2 (Ravichandra, B. (76) 117)

Peptide

Bilayer; Antimicrobial; Dipole potential; α -helix; Molecular dynamics (La Rocca, P. (76) 145)

Pressure

DNA; Fourier transform infrared spectroscopy; Structure (Lin, M.-C. (76) 87)

Quench–flow kinetics

Nitric oxide; NO reactions (Caccia, S. (76) 63)

Receptor protein-tyrosine kinase

Structure–dynamics activity relationships; α Helix stability; $\alpha \rightarrow \pi$ Helix transition; Membrane environment (Duneau, J.-P. (76) 35)

Refractive index

Cation; Anion; Glycine; Isentropic compressibility; Molar volume (Soto, A. (76) 73)

Sanguinarine

Ethidium; B to Z transition; B to H^L transition; Ligand–polymorphic DNA interaction (Das, S. (76) 199)

Second law

DSC; Cold denaturation; Hydration entropy; Independent and coupled processes; Fluctuations; Enthalpy partitioning (Hallerbach, B. (76) 219)

Sedimentation equilibrium

Virial coefficient; Excluded volume; Net charge; Lysozyme; Ovalbumin (Behlke, J. (76) 13)

Single molecular observation

Fluorescence microscopy; DNA condensation; Macromolecular crowding effect; P olyion-complex; Higher-order structure (Kodoaki, S. (76) 133)

Stability

Conformation; Hairpin triplex; 5-Bromodeoxycytosine (Yang, L. (76) 25)

Structural metastability

Symmetric schemes; Asymmetric perturbations; Dynamic order; Turbulence (Basu, S. (76) 1)

Structure–dynamics activity relationships

Receptor protein-tyrosine kinase; α Helix stability; $\alpha \rightarrow \pi$ Helix transition; Membrane environment (Duneau, J.-P. (76) 35)

Structure

DNA; Pressure; Fourier transform infrared spectroscopy (Lin, M.-C. (76) 87)

Symmetric schemes

Structural metastability; Asymmetric perturbations; Dynamic order; Turbulence (Basu, S. (76) 1)

TMA-DPH

Gangliosides; PC-12 cells; Membrane dynamics; Laurdan; Fura-2 (Ravichandra, B. (76) 117)

Turbulence

Symmetric schemes; Structural metastability; Asymmetric perturbations; Dynamic order (Basu, S. (76) 1)

Virial coefficient

Sedimentation equilibrium; Excluded volume; Net charge; Lysozyme; Ovalbumin (Behlke, J. (76) 13)