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***N*-Acetyl-D-glucosamine**

NMR, ^2H -; Lysozyme; Molecular dynamics; Enzyme-inhibitor complex (Szilágyi, L. (40) 89)

Activity coefficients

Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; Enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium constants; Gibbs energy; Heat capacity; Thermodynamics (Goldberg, R.N. (40) 241)

Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium; Gibbs energy; Heat capacity; Thermodynamics (Tewari, Y.B. (40) 263)

Adenosine 5'-diphosphate

Activity coefficients; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; Enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium constants; Gibbs energy; Heat capacity; Thermodynamics (Goldberg, R.N. (40) 241)

Activity coefficients; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium; Gibbs energy; Heat capacity; Thermodynamics (Tewari, Y.B. (40) 263)

Adenosine 5'-monophosphate

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Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-triphosphate; Adenylate kinase; enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium; Gibbs energy; Heat capacity; Thermodynamics (Tewari, Y.B. (40) 263)

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Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenylate kinase; enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium; Gibbs energy; Heat capacity; Thermodynamics (Tewari, Y.B. (40) 263)

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Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium constants; Gibbs energy; Heat capacity; Thermodynamics (Goldberg, R.N. (40) 241)

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium; Gibbs energy; Heat capacity; Thermodynamics (Tewari, Y.B. (40) 263)

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Proteins; Thermodynamics; Ion co-adsorption; Ion exchange chromatography; Lysozyme (Fraaije, J.G.E.M. (40) 317)

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Poly(rG) · poly(rC); Halogenation; Conformation (Kogan, E.M. (40) 231)

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Calmodulin

Caldesmon; 34 kDa fragment; Tropomyosin; Protein interaction; Tryptophan fluorescence (Czurylo, E.A. (40) 181)

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Supercoiled DNA melting; Base-pair heterogeneity; Differential melting characteristics (Sen, S. (40) 33)

Mercuric ion; DNA binding; Synthetic polynucleotide; CD (Sarker, M. (40) 135)

34 kDa fragment

Caldesmon; Calmodulin; Tropomyosin; Protein interaction; Tryptophan fluorescence (Czurylo, E.A. (40) 181)

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Differential melting characteristics

Supercoiled DNA melting; Cooperativity; Base-pair heterogeneity (Sen, S. (40) 33)

Diffuse double layer

Purple membrane; Induced dipole moment; Polarizability; Fluctuation theory of counterions; Screening effect of salts (Fujiwara, M. (40) 155)

Distance distribution

Frequency-domain fluorometry; Myosin subfragment-1; Anisotropy decay (Cheung, H.C. (40) 1)

Disulfide bond

Lysozyme; Phospholipase; Hydrophobic interaction; Tertiary structure; Secondary structure; Antiparallel β -structure; Folding order (Yoshimura, T. (40) 277)

Lysozyme; Phospholipase; Erabutoxin; Lampshade (locus of H atom of S-H in cysteine residue) (Watanabe, K. (40) 293)

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Fluorescence; DAPI; Ground-state heterogeneity; Time-resolved fluorescence (Barcellona, M.L. (40) 223)

DNA binding

Mercuric ion; Synthetic polynucleotide; Cooperativity; CD (Sarker, M. (40) 135)

DNA packing

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Isothermal phase transition of phospholipids; Ginzburg-Landau Functional; Calcium binding of phospholipids; Non-equilibrium phase transition (Lara-Ochoa, F. (40) 207)

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Electron transfer; Chlorophyll *a* dimer; Molecular relaxationation (Riveros, O.J. (40) 109)

Electron transfer

Dynamics; Chlorophyll *a* dimer; Molecular relaxationation (Riveros, O.J. (40) 109)

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Bending dynamics; Dichroism decay; Persistence length; Rotational diffusion; (DNA) (Porschke, D. (40) 169)

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Ion-penetrable membrane (Tokugawa, R. (40) 77)

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Equilibrium constant; Lactulose; α -D-Melibiose; Palatinose; D-Trehalose; D-Turanose; 3- α - β -D-Galactopyranosyl-D-arabinose (Tewari, Y.B. (40) 59)

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Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; Enzyme catalyzed reactions; Entropy; Equilibrium constants; Gibbs energy; Heat capacity; Thermodynamics (Goldberg, R.N. (40) 241)

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; Enzyme catalyzed reactions; Entropy; Equilibrium; Gibbs energy; Heat capacity; Thermodynamics (Tewari, Y.B. (40) 263)

Entropy

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; Enthalpy; Enzyme catalyzed reactions; Equilibrium constants; Gibbs energy; Heat capacity; Thermodynamics (Goldberg, R.N. (40) 241)

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; enthalpy; Enzyme catalyzed reactions; Equilibrium; Gibbs energy; Heat capacity; Thermodynamics (Tewari, Y.B. (40) 263)

Enzymatic oscillations

Peroxidase-oxidase reaction; Normal mode analysis; Computer simulation (Alexandre, S. (40) 189)

Enzyme catalyzed reactions

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; Enthalpy; Entropy; Equilibrium constants; Gibbs energy; Heat capacity; Thermodynamics (Goldberg, R.N. (40) 241)

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; enthalpy; Entropy; Equilibrium; Gibbs energy; Heat capacity; Thermodynamics (Tewari, Y.B. (40) 263)

Enzyme-inhibitor complex

NMR, ^2H -; Lysozyme; Molecular dynamics; *N*-Acetyl-D-glucosamine (Szilágyi, L. (40) 89)

Epifluorescence microscopy

Fluorescence lifetime; Fibroblast; Anisotropy decay; Fluorescein; Phase modulation (Verkman, A.S. (40) 117)

Equilibrium

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; enthalpy; Enzyme catalyzed reactions; Entropy; Gibbs energy; Heat capacity; Thermodynamics (Tewari, Y.B. (40) 263)

Equilibrium constants

Enthalpy; Lactulose; α -D-Melibiose; Palatinose; D-Trehalose; D-Turanose; 3- α - β -D-Galactopyranosyl-D-arabinose (Tewari, Y.B. (40) 59)

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; Enthalpy; Enzyme catalyzed reactions; Entropy; Gibbs energy; Heat capacity; Thermodynamics (Goldberg, R.N. (40) 241)

Erabutoxin

Lysozyme; Phospholipase; Disulfide bond; Lampshade (locus of H atom of S-H in cysteine residue) (Watanabe, K. (40) 293)

Error threshold

Prebiotic evolution; Hypercycle (Andrade, M.A. (40) 43)

Erythrocyte

Soybean lecithin liposome; Hemolysis; Pluronic block copolymer; Apparent volumes; Surface coating (Quirion, F. (40) 129)

Erythrocyte (human)

NMR, $^{35}\text{Cl}^-$, $^{37}\text{Cl}^-$; Anion transport protein (band 3); Binding; Chloride ion; Quadrupolar relaxation (Price, W.S. (40) 329)

Fenton reaction

Chemiluminescence; Lipid peroxidation; Linoleic acid; Singlet oxygen (Xun, S. (40) 161)

Fibroblast

Fluorescence lifetime; Epifluorescence microscopy; Anisotropy decay; Fluorescein; Phase modulation (Verkman, A.S. (40) 117)

Fluctuation theory of counterions

Purple membrane; Induced dipole moment; Polarizability; Diffuse double layer; Screening effect of salts (Fujiwara, M. (40) 155)

Fluorescein

Fluorescence lifetime; Epifluorescence microscopy; Fibroblast; Anisotropy decay; Phase modulation (Verkman, A.S. (40) 117)

Fluorescence

DAPI; DNA; Ground-state heterogeneity; Time-resolved fluorescence (Barcellona, M.L. (40) 223)

Fluorescence lifetime

Epifluorescence microscopy; Fibroblast; Anisotropy decay; Fluorescein; Phase modulation (Verkman, A.S. (40) 117)

Folding order

Lysozyme; Phospholipase; Disulfide bond; Hydrophobic interaction; Tertiary structure; Secondary structure; Antiparallel β -structure (Yoshimura, T. (40) 277)

Frequency-domain fluorometry

Myosin subfragment-1; Distance distribution; Anisotropy decay (Cheung, H.C. (40) 1)

3- α - β -D-Galactopyranosyl-D-arabinose

Enthalpy; Equilibrium constant; Lactulose; α -D-Melibiose; Palatinose; D-Trehalose; D-Turanose (Tewari, Y.B. (40) 59)

Gibbs energy

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; Enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium constants; Heat capacity; Thermodynamics (Goldberg, R.N. (40) 241)

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; Enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium; Heat capacity; Thermodynamics (Tewari, Y.B. (40) 263)

Ginzburg-Landau Functional

Isothermal phase transition of phospholipids; Calcium binding of phospholipids; Non-equilibrium phase transition; Dynamical model for phase transition (Lara-Ochoa, F. (40) 207)

Glutamate dehydrogenase

Thermodynamics; α -Imino acid- α -amino acid interconversion (Srinivasan, R. (40) 81)

Ground-state heterogeneity

Fluorescence; DAPI; DNA; Time-resolved fluorescence (Barcellona, M.L. (40) 223)

Halogenation

Poly(rG) $\cdot$ poly(rC); Conformation; Antiviral activity (Kogan, E.M. (40) 231)

Heat capacity

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; Enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium constants; Gibbs energy; Thermodynamics (Goldberg, R.N. (40) 241)

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; Enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium; Gibbs energy; Thermodynamics (Tewari, Y.B. (40) 263)

Helix bend

Proline-containing right-handed α -helix; Molecular dynamics; Average structural parameters (Sankaramakrishnan, R. (40) 97)

Hemolysis

Soybean lecithin liposome; Erythrocyte; Pluronic block copolymer; Apparent volumes; Surface coating (Quirion, F. (40) 129)

Hydrogen bond

Potentiometric titration; Polyelectrolyte; Numerical analysis; Thermodynamic parameters; Dielectric constant (Nishio, T. (40) 19)

Hydrophobic core

Bovine carbonic anhydrase B; Hydrophobic fluorescence probe; Molten-globule state (Mitaku, S. (40) 217)

Hydrophobic fluorescence probe

Hydrophobic core; Bovine carbonic anhydrase B; Molten-globule state (Mitaku, S. (40) 217)

Hydrophobic interaction

Lysozyme; Phospholipase; Disulfide bond; Tertiary structure; Secondary structure; Antiparallel β -structure; Folding order (Yoshimura, T. (40) 277)

Hypercycle

Prebiotic evolution; Error threshold (Andrade, M.A. (40) 43)

 α -Imino acid– α -amino acid interconversion

Thermodynamics; Glutamate dehydrogenase (Srinivasan, R. (40) 81)

Induced dipole moment

Purple membrane; Polarizability; Fluctuation theory of counterions; Diffuse double layer; Screening effect of salts (Fujiwara, M. (40) 155)

Interfacial thermodynamics

Proteins; Adsorption; Ion co-adsorption; Ion binding; Proton titration; Linkage relation; Ion exchange chromatography; Lysozyme (Fraaije, J.G.E.M. (40) 303)

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Proteins; Interfacial thermodynamics; Adsorption; Ion co-adsorption; Proton titration; Linkage relation; Ion exchange chromatography; Lysozyme (Fraaije, J.G.E.M. (40) 303)

Ion co-adsorption

Proteins; Interfacial thermodynamics; Adsorption; Ion binding; Proton titration; Linkage relation; Ion exchange chromatography; Lysozyme (Fraaije, J.G.E.M. (40) 303)

Proteins; Thermodynamics; Adsorption; Ion exchange chromatography; Lysozyme (Fraaije, J.G.E.M. (40) 317)

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Ion-penetrable membrane

Electrostatic interaction (Tokugawa, R. (40) 77)

Isomaltotriose

Amylose; Enthalpy; Maltose; Maltoheptaose; Maltohexaose; Maltopentaose; Maltotetraose; Maltotriose; Panose; Raffinose; Stachyose (Goldberg, R.N. (40) 69)

Isothermal phase transition of phospholipids

Ginzburg–Landau Functional; Calcium binding of phospholipids; Non-equilibrium phase transition; Dynamical model for phase transition (Lara-Ochoa, F. (40) 207)

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Enthalpy; Equilibrium constant; α -D-Melibiose; Palatinose; D-Trehalose; D-Turanose; 3-*o*- β -D-Galactopyranosyl-D-arabinose (Tewari, Y.B. (40) 59)

Lampshade (locus of H atom of S–H in cysteine residue)

Lysozyme; Phospholipase; Erabutoxin; Disulfide bond (Watanabe, K. (40) 293)

Linkage relation

Proteins; Interfacial thermodynamics; Adsorption; Ion co-adsorption; Ion binding; Proton titration; Ion exchange chromatography; Lysozyme (Fraaije, J.G.E.M. (40) 303)

Linoleic acid

Chemiluminescence; Lipid peroxidation; Fenton reaction; Singlet oxygen (Xun, S. (40) 161)

Lipid peroxidation

Chemiluminescence; Fenton reaction; Linoleic acid; Singlet oxygen (Xun, S. (40) 161)

Lysozyme

NMR, ^2H -; Molecular dynamics; *N*-Acetyl-D-glucosamine; Enzyme-inhibitor complex (Szilágyi, L. (40) 89)

Phospholipase; Disulfide bond; Hydrophobic interaction; Tertiary structure; Secondary structure; Antiparallel β -structure; Folding order (Yoshimura, T. (40) 277)

Phospholipase; Erabutoxin; Disulfide bond; Lampshade (locus of H atom of S–H in cysteine residue) (Watanabe, K. (40) 293)

Proteins; Interfacial thermodynamics; Adsorption; Ion co-adsorption; Ion binding; Proton titration; Linkage relation; Ion exchange chromatography (Fraaije, J.G.E.M. (40) 303)

Proteins; Thermodynamics; Adsorption; Ion co-adsorption; Ion exchange chromatography (Fraaije, J.G.E.M. (40) 317)

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Amylose; Enthalpy; Isomaltotriose; Maltose; Maltohexaose; Maltopentaose; Maltotetraose; Maltotriose; Panose; Raffinose; Stachyose (Goldberg, R.N. (40) 69)

Maltohexaose

Amylose; Enthalpy; Isomaltotriose; Maltose; Maltoheptaose; Maltopentaose; Maltotetraose; Maltotriose; Panose; Raffinose; Stachyose (Goldberg, R.N. (40) 69)

Maltopentaose

Amylose; Enthalpy; Isomaltotriose; Maltose; Maltoheptaose; Maltohexaose; Maltotetraose; Maltotriose; Panose; Raffinose; Stachyose (Goldberg, R.N. (40) 69)

Maltose

Amylose; Enthalpy; Isomaltotriose; Maltoheptaose; Maltohexaose; Maltopentaose; Maltotetraose; Maltotriose; Panose; Raffinose; Stachyose (Goldberg, R.N. (40) 69)

Maltotetraose

Amylose; Enthalpy; Isomaltotriose; Maltose; Maltoheptaose; Maltohexaose; Maltopentaose; Maltotriose; Panose; Raffinose; Stachyose (Goldberg, R.N. (40) 69)

Maltotriose

Amylose; Enthalpy; Isomaltotriose; Maltose; Maltoheptaose; Maltohexaose; Maltopentaose; Maltotetraose; Panose; Raffinose; Stachyose (Goldberg, R.N. (40) 69)

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Enthalpy; Equilibrium constant; Lactulose; Palatinose; D-Trehalose; D-Turanose; 3-*o*- β -D-Galactopyranosyl-D-arabinose (Tewari, Y.B. (40) 59)

Mercuric ion

DNA binding; Synthetic polynucleotide; Cooperativity; CD (Sarker, M. (40) 135)

MgDNA

DNA packing; Osmotic pressure; Clustering function; Scaled particle theory (Trohalaki, S. (40) 197)

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NMR, ^2H -; Lysozyme; *N*-Acetyl-D-glucosamine; Enzyme-inhibitor complex (Szilágyi, L. (40) 89)

Proline-containing right-handed α -helix; Helix bend; Average structural parameters (Sankaramakrishnan, R. (40) 97)

Molecular relaxationation

Electron transfer; Dynamics; Chlorophyll *a* dimer (Riveros, O.J. (40) 109)

Molten-globule state

Hydrophobic core; Bovine carbonic anhydrase B; Hydrophobic fluorescence probe (Mitaku, S. (40) 217)

Myosin subfragment-1

Frequency-domain fluorometry; Distance distribution; Anisotropy decay (Cheung, H.C. (40) 1)

NMR, $^{35}\text{Cl}^-$, $^{37}\text{Cl}^-$

Anion transport protein (band 3); Binding; Chloride ion; Erythrocyte (human); Quadrupolar relaxation (Price, W.S. (40) 329)

NMR, ^2H -

Lysozyme; Molecular dynamics; *N*-Acetyl-D-glucosamine; Enzyme-inhibitor complex (Szilágyi, L. (40) 89)

Non-equilibrium phase transition

Isothermal phase transition of phospholipids; Ginzburg-Landau Functional; Calcium binding of phospholipids; Dynamical model for phase transition (Lara-Ochoa, F. (40) 207)

Normal mode analysis

Peroxidase-oxidase reaction; Enzymatic oscillations; Computer simulation (Alexandre, S. (40) 189)

Numerical analysis

Potentiometric titration; Polyelectrolyte; Thermodynamic parameters; Hydrogen bond; Dielectric constant (Nishio, T. (40) 19)

Osmotic pressure

DNA packing; Clustering function; Scaled particle theory; MgDNA (Trohalaki, S. (40) 197)

Palatinose

Enthalpy; Equilibrium constant; Lactulose; α -D-Melibiose; D-Trehalose; D-Turanose; 3-*o*- β -D-Galactopyranosyl-D-arabinose (Tewari, Y.B. (40) 59)

Panose

Amylose; Enthalpy; Isomaltotriose; Maltose; Maltoheptaose; Maltohexaose; Maltopentaose; Maltotetraose; Maltotriose; Raffinose; Stachyose (Goldberg, R.N. (40) 69)

Peroxidase-oxidase reaction

Enzymatic oscillations; Normal mode analysis; Computer simulation (Alexandre, S. (40) 189)

Persistence length

Bending dynamics; Dichroism decay; Electrooptics; Rotational diffusion; (DNA) (Porschke, D. (40) 169)

Phase modulation

Fluorescence lifetime; Epifluorescence microscopy; Fibroblast; Anisotropy decay; Fluorescein (Verkman, A.S. (40) 117)

Phospholipase

Lysozyme; Disulfide bond; Hydrophobic interaction; Tertiary structure; Secondary structure; Antiparallel β -structure; Folding order (Yoshimura, T. (40) 277)

Lysozyme; Erabutoxin; Disulfide bond; Lampshade (locus of H atom of S-H in cysteine residue) (Watanabe, K. (40) 293)

Pluronic block copolymer

Soybean lecithin liposome; Erythrocyte; Hemolysis; Apparent volumes; Surface coating (Quirion, F. (40) 129)

Polarizability

Purple membrane; Induced dipole moment; Fluctuation theory of counterions; Diffuse double layer; Screening effect of salts (Fujiwara, M. (40) 155)

Polyelectrolyte

Potentiometric titration; Numerical analysis; Thermodynamic parameters; Hydrogen bond; Dielectric constant (Nishio, T. (40) 19)

Poly(rG)•poly(rC)

Halogenation; Conformation; Antiviral activity (Kogan, E.M. (40) 231)

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Polyelectrolyte; Numerical analysis; Thermodynamic parameters; Hydrogen bond; Dielectric constant (Nishio, T. (40) 19)

Prebiotic evolution

Hypercycle; Error threshold (Andrade, M.A. (40) 43)

Proline-containing right-handed α -helix

Molecular dynamics; Helix bend; Average structural parameters (Sankaramakrishnan, R. (40) 97)

Protein interaction

Caldesmon; 34 kDa fragment; Calmodulin; Tropomyosin; Tryptophan fluorescence (Czurylo, E.A. (40) 181)

Proteins

Interfacial thermodynamics; Adsorption; Ion co-adsorption; Ion binding; Proton titration; Linkage relation; Ion exchange chromatography; Lysozyme (Fraaije, J.G.E.M. (40) 303)

Thermodynamics; Adsorption; Ion co-adsorption; Ion exchange chromatography; Lysozyme (Fraaije, J.G.E.M. (40) 317)

Proton titration

Proteins; Interfacial thermodynamics; Adsorption; Ion co-adsorption; Ion binding; Linkage relation; Ion exchange chromatography; Lysozyme (Fraaije, J.G.E.M. (40) 303)

Purple membrane

Induced dipole moment; Polarizability; Fluctuation theory of counterions; Diffuse double layer; Screening effect of salts (Fujiwara, M. (40) 155)

Quadrupolar relaxation

NMR, $^{35}\text{Cl}^-$, $^{37}\text{Cl}^-$; Anion transport protein (band 3); Binding; Chloride ion; Erythrocyte (human) (Price, W.S. (40) 329)

Raffinose

Amylose; Enthalpy; Isomaltotriose; Maltose; Maltoheptaose; Maltohexaose; Maltopentaose; Maltotetraose; Maltotriose; Panose; Stachyose (Goldberg, R.N. (40) 69)

Rotational diffusion

Bending dynamics; Dichroism decay; Electrooptics; Persistence length; (DNA) (Porschke, D. (40) 169)

Scaled particle theory

DNA packing; Osmotic pressure; Clustering function; MgDNA (Trohalaki, S. (40) 197)

Screening effect of salts

Purple membrane; Induced dipole moment; Polarizability; Fluctuation theory of counterions; Diffuse double layer (Fujiwara, M. (40) 155)

Secondary structure

Lysozyme; Phospholipase; Disulfide bond; Hydrophobic interaction; Tertiary structure; Antiparallel β -structure; Folding order (Yoshimura, T. (40) 277)

Singlet oxygen

Chemiluminescence; Lipid peroxidation; Fenton reaction; Linoleic acid (Xun, S. (40) 161)

Soybean lecithin liposome

Erythrocyte; Hemolysis; Pluronic block copolymer; Apparent volumes; Surface coating (Quirion, F. (40) 129)

Stachyose

Amylose; Enthalpy; Isomaltotriose; Maltose; Maltoheptaose; Maltohexaose; Maltopentaose; Maltotetraose; Maltotriose; Panose; Raffinose (Goldberg, R.N. (40) 69)

Supercoiled DNA melting

Cooperativity; Base-pair heterogeneity; Differential melting characteristics (Sen, S. (40) 33)

Surface coating

Soybean lecithin liposome; Erythrocyte; Hemolysis; Pluronic block copolymer; Apparent volumes (Quirion, F. (40) 129)

Synthetic polynucleotide

Mercuric ion; DNA binding; Cooperativity; CD (Sarker, M. (40) 135)

Tertiary structure

Lysozyme; Phospholipase; Disulfide bond; Hydrophobic interaction; Secondary structure; Antiparallel β -structure; Folding order (Yoshimura, T. (40) 277)

Thermodynamic parameters

Potentiometric titration; Polyelectrolyte; Numerical analysis; Hydrogen bond; Dielectric constant (Nishio, T. (40) 19)

Thermodynamics

Glutamate dehydrogenase; α -Imino acid- α -amino acid inter-conversion (Srinivasan, R. (40) 81)

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; Enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium constants; Gibbs energy; Heat capacity (Goldberg, R.N. (40) 241)

Activity coefficients; Adenosine 5'-diphosphate; Adenosine 5'-monophosphate; Adenosine 5'-triphosphate; Adenylate kinase; enthalpy; Enzyme catalyzed reactions; Entropy; Equilibrium; Gibbs energy; Heat capacity (Tewari, Y.B. (40) 263)

Proteins; Adsorption; Ion co-adsorption; Ion exchange chromatography; Lysozyme (Fraaije, J.G.E.M. (40) 317)

Time-resolved fluorescence

Fluorescence; DAPI; DNA; Ground-state heterogeneity (Barcellona, M.L. (40) 223)

D-Trehalose

Enthalpy; Equilibrium constant; Lactulose; α -D-Melibiose; Palatinose; D-Turanose; 3-*o*- β -D-Galactopyranosyl-D-arabinose (Tewari, Y.B. (40) 59)

Tropomyosin

Caldesmon; 34 kDa fragment; Calmodulin; Protein interaction; Tryptophan fluorescence (Czurylo, E.A. (40) 181)

Tryptophan fluorescence

Caldesmon; 34 kDa fragment; Calmodulin; Tropomyosin; Protein interaction (Czurylo, E.A. (40) 181)

D-Turanose

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Water/oil interface

Potential oscillation (Suzuki, H. (40) 149)