

SUBJECT INDEX TO VOLUME 43 (1992)

Acetylcholinesterase activity

Membrane vesicles; Ethanol effect; Microcalorimetry (Wang, Y. (43) 51)

Activation volume

Hydrostatic pressure; Electron-transfer thermodynamics; Cytochrome *c*; Hydroxylamine oxidoreductase; Stopped-flow (Heiber-Langer, I. (43) 265)

Aggregation

Calorimetry; Globular protein; Thermotropic gels; Irreversible denaturation; Melting of gel (Belopolskaya, T.V. (43) 1)

Asymmetrical membrane

Membrane Transport (Makino, K. (43) 89)

Brownian dynamics simulation

Hydrodynamics; Electric dichroism; Dipole moment; Polyelectrolytes; Orientation mechanism (Elvingson, C. (43) 9)

Brownian motion in potential wells

Catalysis; Enzyme mechanisms; Chemical reaction rate theory; Catalytic inactivation (Ehrenberg, M. (43) 157)

Calorimetry

Globular protein; Thermotropic gels; Irreversible denaturation; Aggregation; Melting of gel (Belopolskaya, T.V. (43) 1)

Catalysis

Enzyme mechanisms; Brownian motion in potential wells; Chemical reaction rate theory; Catalytic inactivation (Ehrenberg, M. (43) 157)

Catalytic inactivation

Catalysis; Enzyme mechanisms; Brownian motion in potential wells; Chemical reaction rate theory (Ehrenberg, M. (43) 157)

Chemical reaction rate theory

Catalysis; Enzyme mechanisms; Brownian motion in potential wells; Catalytic inactivation (Ehrenberg, M. (43) 157)

Cholesteryl esters

Triacylglycerols; Deuterium NMR; Herpesvirus infection; Lipid physical state; Smooth muscle cells (Hajjar, D.P. (43) 255)

Chromatin condensation

X-ray scattering; Rat thymus chromatin (Fujiwara, S. (43) 81)

α -Chymotrypsin

Enzyme catalyzed reactions; Modifiers; Enzyme kinetics; Enzyme thermodynamics (Smith, R.R. (43) 173)

Enzyme catalyzed reactions; Modifiers; Enzyme kinetics; Enzyme thermodynamics (Smith, R.R. (43) 189)

Conformation

Phase space; Molecular dynamics; Free energy (Li, J. (43) 221)

Crystal packing

DNA associations; A-, B-, Z-DNA; Hard-sphere contacts (Srinivasan, A.R. (43) 279)

Cytochrome *c*

Hydrostatic pressure; Electron-transfer thermodynamics; Hydroxylamine oxidoreductase; Activation volume; Stopped-flow (Heiber-Langer, I. (43) 265)

Deuterium NMR

Cholesteryl esters; Triacylglycerols; Herpesvirus infection; Lipid physical state; Smooth muscle cells (Hajjar, D.P. (43) 255)

Deuterium NMR field dispersion

Protein hydration; Water dynamics (Kakalis, L.T. (43) 39)

Dipole-dipole interaction

Quasi-continuity model; α -Helix proteins; Low frequency vibration modes (Han, W.-G. (43) 169)

Dipole moment

Hydrodynamics; Electric dichroism; Brownian dynamics simulation; Polyelectrolytes; Orientation mechanism (Elvingson, C. (43) 9)

Dissociation kinetics

Limulus polyphemus hemocyanin; Stopped-flow X-ray scattering (Kimura, K. (43) 73)

A-, B-, Z-DNA

DNA associations; Crystal packing; Hard-sphere contacts (Srinivasan, A.R. (43) 279)

DNA associations

Crystal packing; A-, B-, Z-DNA; Hard-sphere contacts (Srinivasan, A.R. (43) 279)

Dynamic friction coefficient

Specific heat spectroscopy; Flash photolysis; Solvent damping; Myoglobin (Settles, M. (43) 107)

Electric dichroism

Hydrodynamics; Brownian dynamics simulation; Dipole moment; Polyelectrolytes; Orientation mechanism (Elvingson, C. (43) 9)

Electron-transfer thermodynamics

Hydrostatic pressure; Cytochrome *c*; Hydroxylamine oxidoreductase; Activation volume; Stopped-flow (Heiber-Langer, I. (43) 265)

Elution

Membrane permeation (Makino, K. (43) 21)

Enzyme catalyzed reactions

α -Chymotrypsin; Modifiers; Enzyme kinetics; Enzyme thermodynamics (Smith, R.R. (43) 173)

α -Chymotrypsin; Modifiers; Enzyme kinetics; Enzyme thermodynamics (Smith, R.R. (43) 189)

Enzyme kinetics

Enzyme catalyzed reactions; α -Chymotrypsin; Modifiers; Enzyme thermodynamics (Smith, R.R. (43) 173)

Enzyme catalyzed reactions; α -Chymotrypsin; Modifiers; Enzyme thermodynamics (Smith, R.R. (43) 189)

Enzyme mechanisms

Catalysis; Brownian motion in potential wells; Chemical reaction rate theory; Catalytic inactivation (Ehrenberg, M. (43) 157)

Enzyme thermodynamics

Enzyme catalyzed reactions; α -Chymotrypsin; Modifiers; Enzyme kinetics (Smith, R.R. (43) 173)

Enzyme catalyzed reactions; α -Chymotrypsin; Modifiers; Enzyme kinetics (Smith, R.R. (43) 189)

Ethanol effect

Membrane vesicles; Acetylcholinesterase activity; Microcalorimetry (Wang, Y. (43) 51)

Ethylene glycol

Thermotropic phase transition: Phospholipids; Poly(ethylene glycol); Osmoelastic coupling; Interdigitated gel phase (Yamazaki, M. (43) 29)

Flash photolysis

Specific heat spectroscopy; Solvent damping; Myoglobin; Dynamic friction coefficient (Settles, M. (43) 107)

Fluorescence spectroscopy

Histone core proteins; Histone-DNA complexes (Royer, C.A. (43) 197)

Free energy

Phase space; Conformation; Molecular dynamics (Li, J. (43) 221)

Fundamental equation of thermodynamics

Legendre transform; Standard transformed Gibbs energy of formation; Standard transformed enthalpy of formation; Glucose 6-phosphate (Alberty, R.A. (43) 239)

Globular protein

Calorimetry; Thermotropic gels; Irreversible denaturation; Aggregation; Melting of gel (Belopolskaya, T.V. (43) 1)

Glucose 6-phosphate

Fundamental equation of thermodynamics; Legendre transform; Standard transformed Gibbs energy of formation; Standard transformed enthalpy of formation (Alberty, R.A. (43) 239)

Hard-sphere contacts

DNA associations; Crystal packing; A-, B-, Z-DNA (Srinivasan, A.R. (43) 279)

 α -Helix proteins

Dipole-dipole interaction; Quasi-continuity model; Low frequency vibration modes (Han, W.-G. (43) 169)

Hemoglobin A

Oxygen binding kinetics; α -Subunit self-association (Windsor, W.T. (43) 61)

Herpesvirus infection

Cholesteryl esters; Triacylglycerols; Deuterium NMR; Lipid physical state; Smooth muscle cells (Hajjar, D.P. (43) 255)

Histone core proteins

Fluorescence spectroscopy; Histone-DNA complexes (Royer, C.A. (43) 197)

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Hydrodynamics

Electric dichroism; Brownian dynamics simulation; Dipole moment; Polyelectrolytes; Orientation mechanism (Elvingson, C. (43) 9)

Hydrostatic pressure

Electron-transfer thermodynamics; Cytochrome *c*; Hydroxylamine oxidoreductase; Activation volume; Stopped-flow (Heiber-Langer, I. (43) 265)

Hydroxylamine oxidoreductase

Hydrostatic pressure; Electron-transfer thermodynamics; Cytochrome c; Activation volume; Stopped-flow (Heiber-Langer, I. (43) 265)

Imidazole, substituted

Tautomer equilibrium; Molecular orbital calculations; Solvation energy; Poisson equation; Monte Carlo simulation (De Vries, A.H. (43) 139)

Interdigitated gel phase

Thermotropic phase transition: Phospholipids; Poly(ethylene glycol); Osmoelastic coupling; Ethylene glycol (Yamazaki, M. (43) 29)

Ion-penetrable membrane

Isoelectric point (Shinagawa, T. (43) 149)

Irreversible denaturation

Calorimetry; Globular protein; Thermotropic gels; Aggregation; Melting of gel (Belopolskaya, T.V. (43) 1)

Isoelectric point

Ion-penetrable membrane (Shinagawa, T. (43) 149)

Legendre transform

Fundamental equation of thermodynamics; Standard transformed Gibbs energy of formation; Standard transformed enthalpy of formation; Glucose 6-phosphate (Alberty, R.A. (43) 239)

***Limulus polyphemus* hemocyanin**

Dissociation kinetics; Stopped-flow X-ray scattering (Kimura, K. (43) 73)

Lipid physical state

Cholesteryl esters; Triacylglycerols; Deuterium NMR; Herpesvirus infection; Smooth muscle cells (Hajjar, D.P. (43) 255)

Low frequency vibration modes

Dipole-dipole interaction; Quasi-continuity model; α -Helix proteins (Han, W.-G. (43) 169)

Mathematical model

Surface diffusion; Membrane receptors; Reaction kinetics; Surface adsorption; Reduction of dimensionality (Wang, D. (43) 117)

Melting of gel

Calorimetry; Globular protein; Thermotropic gels; Irreversible denaturation; Aggregation (Belopolskaya, T.V. (43) 1)

Membrane permeation

Elution (Makino, K. (43) 21)

Membrane receptors

Surface diffusion; Reaction kinetics; Surface adsorption; Mathematical model; Reduction of dimensionality (Wang, D. (43) 117)

Membrane Transport

Asymmetrical membrane (Makino, K. (43) 89)

Membrane vesicles

Ethanol effect; Acetylcholinesterase activity; Microcalorimetry (Wang, Y. (43) 51)

Microcalorimetry

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Modifiers

Enzyme catalyzed reactions; α -Chymotrypsin; Enzyme kinetics; Enzyme thermodynamics (Smith, R.R. (43) 173)

Enzyme catalyzed reactions; α -Chymotrypsin; Enzyme kinetics; Enzyme thermodynamics (Smith, R.R. (43) 189)

Molecular dynamics

Phase space; Conformation; Free energy (Li, J. (43) 221)

Molecular orbital calculations

Imidazole, substituted; Tautomer equilibrium; Solvation energy; Poisson equation; Monte Carlo simulation (De Vries, A.H. (43) 139)

Monte Carlo simulation

Imidazole, substituted; Tautomer equilibrium; Molecular orbital calculations; Solvation energy; Poisson equation (De Vries, A.H. (43) 139)

Myoglobin

Specific heat spectroscopy; Flash photolysis; Solvent damping; Dynamic friction coefficient (Settles, M. (43) 107)

Orientation mechanism

Hydrodynamics; Electric dichroism; Brownian dynamics simulation; Dipole moment; Polyelectrolytes (Elvingson, C. (43) 9)

Osmoelastic coupling

Thermotropic phase transition: Phospholipids; Poly(ethylene glycol); Ethylene glycol; Interdigitated gel phase (Yamazaki, M. (43) 29)

Oxygen binding kinetics

Hemoglobin A; α -Subunit self-association (Windsor, W.T. (43) 61)

Phase space

Conformation; Molecular dynamics; Free energy (Li, J. (43) 221)

Poisson-Boltzmann theory, Scatchard plot

Polyelectrolyte (Fogolari, F. (43) 213)

Poisson equation

Imidazole, substituted; Tautomer equilibrium; Molecular orbital calculations; Solvation energy; Monte Carlo simulation (De Vries, A.H. (43) 139)

Polyelectrolyte

Poisson-Boltzmann theory; Scatchard plot (Fogolari, F. (43) 213)

Polyelectrolytes

Hydrodynamics; Electric dichroism; Brownian dynamics simulation; Dipole moment; Orientation mechanism (Elvingson, C. (43) 9)

Poly(ethylene glycol)

Thermotropic phase transition: Phospholipids; Osmoelastic coupling; Ethylene glycol; Interdigitated gel phase (Yamazaki, M. (43) 29)

Protein hydration

Water dynamics; Deuterium NMR field dispersion (Kakalis, L.T. (43) 39)

Quasi-continuity model

Dipole-dipole interaction; α -Helix proteins; Low frequency vibration modes (Han, W.-G. (43) 169)

Rat thymus chromatin

X-ray scattering; Chromatin condensation (Fujiwara, S. (43) 81)

Reaction kinetics

Surface diffusion; Membrane receptors; Surface adsorption; Mathematical model; Reduction of dimensionality (Wang, D. (43) 117)

Reduction of dimensionality

Surface diffusion; Membrane receptors; Reaction kinetics; Surface adsorption; Mathematical model (Wang, D. (43) 117)

Smooth muscle cells

Cholesteryl esters; Triacylglycerols; Deuterium NMR; Herpesvirus infection; Lipid physical state (Hajjar, D.P. (43) 255)

Solvation energy

Imidazole, substituted; Tautomer equilibrium; Molecular orbital calculations; Poisson equation; Monte Carlo simulation (De Vries, A.H. (43) 139)

Solvent damping

Specific heat spectroscopy; Flash photolysis; Myoglobin; Dynamic friction coefficient (Settles, M. (43) 107)

Specific heat spectroscopy

Flash photolysis; Solvent damping; Myoglobin; Dynamic friction coefficient (Settles, M. (43) 107)

Standard transformed enthalpy of formation

Fundamental equation of thermodynamics; Legendre transform; Standard transformed Gibbs energy of formation; Glucose 6-phosphate (Alberty, R.A. (43) 239)

Standard transformed Gibbs energy of formation

Fundamental equation of thermodynamics; Legendre transform; Standard transformed enthalpy of formation; Glucose 6-phosphate (Alberty, R.A. (43) 239)

Stopped-flow

Hydrostatic pressure; Electron-transfer thermodynamics; Cytochrome c; Hydroxylamine oxidoreductase; Activation volume (Heiber-Langer, I. (43) 265)

Stopped-flow X-ray scattering

Dissociation kinetics; *Limulus polyphemus* hemocyanin (Kimura, K. (43) 73)

 α -Subunit self-association

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Surface diffusion

Membrane receptors; Reaction kinetics; Surface adsorption; Mathematical model; Reduction of dimensionality (Wang, D. (43) 117)

Tautomer equilibrium

Imidazole, substituted; Molecular orbital calculations; Solvation energy; Poisson equation; Monte Carlo simulation (De Vries, A.H. (43) 139)

Thermotropic gels

Calorimetry; Globular protein; Irreversible denaturation; Aggregation; Melting of gel (Belopolskaya, T.V. (43) 1)

Thermotropic phase transition: Phospholipids

Poly(ethylene glycol); Osmoelastic coupling; Ethylene glycol; Interdigitated gel phase (Yamazaki, M. (43) 29)

Triacylglycerols

Cholesteryl esters; Deuterium NMR; Herpesvirus infection; Lipid physical state; Smooth muscle cells (Hajjar, D.P. (43) 255)

Water dynamics

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Chromatin condensation; Rat thymus chromatin (Fujiwara, S. (43) 81)