

Subject Index to Volume 88

β -Carotene

Pulse radiolysis; Retinol (Adhikari, S. (88) 111)

1,2-Dioleoyl-3-phosphatidylcholine

Unilamellar liposomes; *n*-Decane; Bilayer thickness; Small-angle neutron scattering (Uhríková, D. (88) 165)

A-tract

Nuclear magnetic resonance; Circular dichroism; Triple helix (Sen, A. (88) 69)

Acids

Models/chemical; Allosterism; Thermodynamics; Hierarchical interactions (Gutheil, W.G. (88) 35)

Acids

Models/chemical; Allosterism; Thermodynamics; Hierarchical interactions (Gutheil, W.G. (88) 119)

Allosterism

Thermodynamics; Hierarchical interactions; Acids; Models/chemical (Gutheil, W.G. (88) 35)

Allosterism

Thermodynamics; Hierarchical interactions; Acids; Models/chemical (Gutheil, W.G. (88) 119)

Alzheimer's disease

Amyloid formation; Therapeutics; Mathematical model; Prion disease; Replication mechanism (Masel, J. (88) 47)

Amino acid sequence

Residue distributions; Structural class; Globular proteins; Chaperones (Kumarevel, T.S. (88) 81)

Amyloid formation

Therapeutics; Mathematical model; Prion disease; Replication mechanism; Alzheimer's disease (Masel, J. (88) 47)

Analytical ultracentrifugation

Multi-component systems; Density increments; Light; X-ray; Neutron scattering; Thermodynamics (Eisenberg, H. (88) 1)

Bilayer thickness

Small-angle neutron scattering; 1,2-Dioleoyl-3-phosphatidylcholine; Unilamellar liposomes; *n*-Decane (Uhríková, D. (88) 165)

Chaperones

Amino acid sequence; Residue distributions; Structural class; Globular proteins (Kumarevel, T.S. (88) 81)

Circular dichroism

Triple helix; A-tract; Nuclear magnetic resonance (Sen, A. (88) 69)

Control theory

Rhodobacter sphaeroides; Reaction center; Electron transfer; Ubiquinone; Cytochrome *c* (van Rotterdam, B.J. (88) 137)

Cytochrome *c*

Control theory; *Rhodobacter sphaeroides*; Reaction center; Electron transfer; Ubiquinone (van Rotterdam, B.J. (88) 137)

Cytochrome P450

Porphyrin-Fe(III)-(hydro)peroxide anion; Ferryl-oxo- π -cation radical; Molecular orbital calculations; Hydroxylation (Zakharieva, O. (88) 11)

Density increments

Light; X-ray; Neutron scattering; Thermodynamics; Analytical ultracentrifugation; Multi-component systems (Eisenberg, H. (88) 1)

Dielectric relaxation

Human serum albumin; Phase-fluorometry; Time-emission matrix (Buzády, A. (88) 153)

Differential scanning calorimetry

Thermal stability; Transthyretin; Familial amyloidotic polyneuropathy (Shnyrov, V.L. (88) 61)

Electron transfer

Ubiquinone; Cytochrome *c*; Control theory; *Rhodobacter sphaeroides*; Reaction center (van Rotterdam, B.J. (88) 137)

Electron transfer reactions

Phenols; Horseradish peroxidase; Marcus theory (Khopde, S.M. (88) 103)

Familial amyloidotic polyneuropathy

Differential scanning calorimetry; Thermal stability; Transthyretin (Shnyrov, V.L. (88) 61)

Ferryl-oxo- π -cation radical

Molecular orbital calculations; Hydroxylation; Cytochrome P450; Porphyrin-Fe(III)-(hydro)peroxide anion (Zakharieva, O. (88) 11)

Globular proteins

Chaperones; Amino acid sequence; Residue distributions; Structural class (Kumarevel, T.S. (88) 81)

Hierarchical interactions

Acids; Models/chemical; Allosterism; Thermodynamics (Gutheil, W.G. (88) 35)

Hierarchical interactions

Acids; Models/chemical; Allosterism; Thermodynamics (Gutheil, W.G. (88) 119)

Horseradish peroxidase

Marcus theory; Electron transfer reactions; Phenols (Khopde, S.M. (88) 103)

Human serum albumin

Phase-fluorometry; Time-emission matrix; Dielectric relaxation (Buzády, A. (88) 153)

Hydroxylation

Cytochrome P450; Porphyrin-Fe(III)-(hydro)peroxide anion; Ferryl-oxo- π -cation radical; Molecular orbital calculations (Zakharieva, O. (88) 11)

Infrared spectroscopy

Polarization-modulated infrared reflection absorption spectroscopy; Phospholipid hydrolysis; Monolayer; Phospholipase A2 (Grandbois, M. (88) 127)

Light

X-ray; Neutron scattering; Thermodynamics; Analytical ultracentrifugation; Multi-component systems; Density increments (Eisenberg, H. (88) 1)

Marcus theory

Electron transfer reactions; Phenols; Horseradish peroxidase (Khopde, S.M. (88) 103)

Mathematical model

Prion disease; Replication mechanism; Alzheimer's disease; Amyloid formation; Therapeutics (Masel, J. (88) 47)

Models / chemical

Allosterism; Thermodynamics; Hierarchical interactions; Acids (Gutheil, W.G. (88) 35)

Models / chemical

Allosterism; Thermodynamics; Hierarchical interactions; Acids (Gutheil, W.G. (88) 119)

Molecular orbital calculations

Hydroxylation; Cytochrome P450; Porphyrin-Fe(III)-(hydro)peroxide anion; Ferryl-oxo- π -cation radical (Zakharieva, O. (88) 11)

Monolayer

Phospholipase A2; Infrared spectroscopy; Polarization-modulated infrared reflection absorption spectroscopy; Phospholipid hydrolysis (Grandbois, M. (88) 127)

Multi-component systems

Density increments; Light; X-ray; Neutron scattering; Thermodynamics; Analytical ultracentrifugation (Eisenberg, H. (88) 1)

***n*-Decane**

Bilayer thickness; Small-angle neutron scattering; 1,2-Dioleoyl-3-phosphatidylcholine; Unilamellar liposomes (Uhríková, D. (88) 165)

Neutron scattering

Thermodynamics; Analytical ultracentrifugation; Multi-component systems; Density increments; Light; X-ray (Eisenberg, H. (88) 1)

Nuclear magnetic resonance

Circular dichroism; Triple helix; A-tract (Sen, A. (88) 69)

Phase-fluorometry

Time-emission matrix; Dielectric relaxation; Human serum albumin (Buzády, A. (88) 153)

Phenols

Horseradish peroxidase; Marcus theory; Electron transfer reactions (Khopde, S.M. (88) 103)

Phospholipase A2

Infrared spectroscopy; Polarization-modulated infrared reflection absorption spectroscopy; Phospholipid hydrolysis; Monolayer (Grandbois, M. (88) 127)

Phospholipid hydrolysis

Monolayer; Phospholipase A2; Infrared spectroscopy; Polarization-modulated infrared reflection absorption spectroscopy (Grandbois, M. (88) 127)

Polarization-modulated infrared reflection absorption spectroscopy

Phospholipid hydrolysis; Monolayer; Phospholipase A2; Infrared spectroscopy (Grandbois, M. (88) 127)

Porphyrin-Fe(III)-(hydro)peroxide anion

Ferryl-oxo- π -cation radical; Molecular orbital calculations; Hydroxylation; Cytochrome P450 (Zakharieva, O. (88) 11)

Prion disease

Replication mechanism; Alzheimer's disease; Amyloid formation; Therapeutics; Mathematical model (Masel, J. (88) 47)

Pulse radiolysis

Retinol; β -Carotene (Adhikari, S. (88) 111)

Reaction center

Electron transfer; Ubiquinone; Cytochrome *c*; Control theory; *Rhodobacter sphaeroides* (van Rotterdam, B.J. (88) 137)

Replication mechanism

Alzheimer's disease; Amyloid formation; Therapeutics; Mathematical model; Prion disease (Masel, J. (88) 47)

Residue distributions

Structural class; Globular proteins; Chaperones; Amino acid sequence (Kumarevel, T.S. (88) 81)

Retinol

β -Carotene; Pulse radiolysis (Adhikari, S. (88) 111)

Rhodobacter sphaeroides

Reaction center; Electron transfer; Ubiquinone; Cytochrome *c*; Control theory (van Rotterdam, B.J. (88) 137)

Small-angle neutron scattering

1,2-Dioleoyl-3-phosphatidylcholine; Unilamellar liposomes; *n*-Decane; Bilayer thickness (Uhríková, D. (88) 165)

Structural class

Globular proteins; Chaperones; Amino acid sequence; Residue distributions (Kumarevel, T.S. (88) 81)

Therapeutics

Mathematical model; Prion disease; Replication mechanism; Alzheimer's disease; Amyloid formation (Masel, J. (88) 47)

Thermal stability

Transthyretin; Familial amyloidotic polyneuropathy; Differential scanning calorimetry (Shnyrov, V.L. (88) 61)

Thermodynamics

Analytical ultracentrifugation; Multi-component systems; Density increments; Light; X-ray; Neutron scattering (Eisenberg, H. (88) 1)

Thermodynamics

Hierarchical interactions; Acids; Models/chemical; Allosterism (Gutheil, W.G. (88) 119)

Thermodynamics

Hierarchical interactions; Acids; Models/chemical; Allosterism (Gutheil, W.G. (88) 35)

Time-emission matrix

Dielectric relaxation; Human serum albumin; Phase-fluorometry (Buzády, A. (88) 153)

Transthyretin

Familial amyloidotic polyneuropathy; Differential scanning calorimetry; Thermal stability (Shnyrov, V.L. (88) 61)

Triple helix

A-tract; Nuclear magnetic resonance; Circular dichroism (Sen, A. (88) 69)

Ubiquinone

Cytochrome *c*; Control theory; *Rhodobacter sphaeroides*; Reaction center; Electron transfer (van Rotterdam, B.J. (88) 137)

Unilamellar liposomes

n-Decane; Bilayer thickness; Small-angle neutron scattering; 1,2-Dioleoyl-3-phosphatidylcholine (Uhríková, D. (88) 165)

X-ray

Neutron scattering; Thermodynamics; Analytical ultracentrifugation; Multi-component systems; Density increments; Light (Eisenberg, H. (88) 1)