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Bending dynamics of DNA; Electrooptics; Photoreaction; Wormlike chain model (Porschke, D. (49) 127)

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Copper-GSH complex; Cytochrome *c*; Disulfide radical anions; Glutathione free radicals; Pulse radiolysis; Thiyl free radicals (Prütz, W.A. (49) 101)

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Lifetimes; Coiled-coil; Tryptophan; Myosin rod (Chang, Y.-c. (49) 113)

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Time-resolved fluorescence: Quenching; DCM; Anisotropy (Gryczyński, I. (49) 223)

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Copper-GSH complex; Cytochrome c; Disulfide radical anions; Electron transfer; Pulse radiolysis; Thiyl free radicals (Prütz, W.A. (49) 101)

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X-ray scattering; Monomers; Lipid membranes (He, K. (49) 83)

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Heat and dehydration damages

Thylakoid membranes; Change in phospholipid mobility; Membrane structure; Lipid-protein interphase interactions (Semenova, G. (49) 59)

Hydration force

Lipid hydration; Deuterium NMR; Phosphatidylcholine bilayers; Headgroup conformation; Surface dynamics; Water activity (Ulrich, A.S. (49) 39)

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Membrane hydration; Cryobiology; Phosphatidylcholine; Nuclear magnetic resonance; Lamellar phases (Wolfe, J. (49) 51)

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Chloroplasts; Membranes; Screw dislocations (Charvolin, J. (49) 23)

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Lyotropic liquid crystals; Curvature elasticity; Bicontinuous cubic phases (Templer, R.H. (49) 1)

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Fluorescence; Coiled-coil; Tryptophan; Myosin rod (Chang, Y.-c. (49) 113)

Lipid hydration

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Lipid membranes

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Membrane hydration

Hydration forces; Cryobiology; Phosphatidylcholine; Nuclear magnetic resonance; Lamellar phases (Wolfe, J. (49) 51)

Membrane hydrodynamics

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Membrane probe

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Membranes

Chloroplasts; Lamellar liquid crystals; Screw dislocations (Charvolin, J. (49) 23)

Membrane structure

Heat and dehydration damages; Thylakoid membranes; Change in phospholipid mobility; Lipid-protein interphase interactions (Semenova, G. (49) 59)

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Amphotericin B; Aminosugar; Aliphatic amines; Proton affinity of amine group; AM1 (Bagiński, M. (49) 241)

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Circular dichroism; Cyclic dipeptide; Tyrosine; Solvent effect; Diketopiperazine (Fleischhauer, J. (49) 141)

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Lipid membranes; Hydration forces; Protrusion (Lipowsky, R. (49) 27)

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Myosin rod

Fluorescence; Lifetimes; Coiled-coil; Tryptophan (Chang, Y.-c. (49) 113)

Neutron scattering

Purple membrane; Proton diffusion (Lechner, R.E. (49) 91)

NMR

Optical spectroscopy; Covalent binding; BPDE; DNA; Mutations (Jernström, B. (49) 185)

Nuclear magnetic resonance

Hydration forces; Membrane hydration; Cryobiology; Phosphatidylcholine; Lamellar phases (Wolfe, J. (49) 51)

Optical spectroscopy

Covalent binding; BPDE; DNA; NMR; Mutations (Jernström, B. (49) 185)

Partial molar isentropic pressure coefficient

Speed of sound; Tripeptide; Aqueous solution; Side-chain solvation (Hedwig, G.R. (49) 175)

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Peptide/phospholipid membrane interaction

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Phase transition

Dipalmitoylphosphatidylcholine monolayers (Denicourt, N. (49) 153)

Phosphatidylcholine

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Phospholipid

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Potentiometric titration

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Protein adsorption

Wettability; Kinetics; Photobleaching; Surface diffusion (Nygren, H. (49) 263)

Proton affinity of amine group

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Proton diffusion

Neutron scattering; Purple membrane (Lechner, R.E. (49) 91)

Protrusion

Lipid membranes; Hydration forces; Monte Carlo simulation (Lipowsky, R. (49) 27)

Pulse radiolysis

Copper-GSH complex; Cytochrome *c*; Disulfide radical anions; Electron transfer; Glutathione free radicals; Thyl free radicals (Prütz, W.A. (49) 101)

Purple membrane

Neutron scattering; Proton diffusion (Lechner, R.E. (49) 91)

Screw dislocations

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Partial molar isentropic pressure coefficient; Speed of sound; Tripeptide; Aqueous solution (Hedwig, G.R. (49) 175)

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Spiropyran

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Structural instability

Swelling process of phosphatidylcholine; X-ray scattering; Membrane adhesion (Hartung, J. (49) 77)

Surface diffusion

Protein adsorption; Wettability; Kinetics; Photobleaching (Nygren, H. (49) 263)

Surface dynamics

Lipid hydration; Deuterium NMR; Phosphatidylcholine bilayers; Headgroup conformation; Water activity; Hydration force (Ulrich, A.S. (49) 39)

Swelling process of phosphatidylcholine

X-ray scattering; Membrane adhesion; Structural instability (Hartung, J. (49) 77)

Thermal isomerization

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Thermodynamics

Acidity constants; Ampicillin; Apparent equilibrium constants; Calorimetry; Cephalosporin C; Enthalpy; β -lactamase; Penicillin G (Kishore, N. (49) 163)

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Thiyl free radicals

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Thylakoid membranes

Heat and dehydration damages; Change in phospholipid mobility; Membrane structure; Lipid-protein interphase interactions (Semenova, G. (49) 59)

Time-resolved fluorescence: Quenching

DCM; Anisotropy; Fluorophores (Gryczyński, I. (49) 223)

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Tryptophan aporepressor

Thermodynamics of ligand binding; Titration microcalorimetry; Tryptophan; Conformationally restricted analogs (Hu, D.D. (49) 233)

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Water activity

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Wormlike chain model

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