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DNA, Z-

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Polypeptide; Polyelectrolyte; Counterion condensation theory; Titration curve (Cesàro, A. (39) 1)

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Histone H1

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Insulin analog

Insulin; Glutamine, B13-; Osmotic pressure; Association (Hansen, J.F. (39) 107)

Intramolecular excimer formation

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Ion binding

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Ion permeable membrane

Flocculation; DLVO theory (Sculley, M.J. (39) 273)

K⁺-channel macrokinetics

Hodgkin-Huxley analysis; Rapid admittance analysis; Small-signal analysis; (Squid axon) (Fishman, H.M. (39) 177)

Kinase C

Enzyme-cation binding; Protein conformation; Ca²⁺; Mg²⁺; Tryptophan (Lester, D.S. (39) 215)

Kinetics

Dye binding; Lipid vesicle; Fluorescence quenching; Membrane potential; Diffusion (Clarke, R.J. (39) 91)

 α -Lactalbumin

Melittin; Ca²⁺-regulated interaction (Permyakov, E.A. (39) 111)

Light scattering

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Linkage relation

Thermodynamics; Ion binding; Electrical double layer; Binding polynomial; Esin-Markov coefficient; Bovine serum albumin (Fraaije, J.G.E.M. (39) 31)

Lipid membrane

Cryptand; Ionizable macrocyclic compound; Permeation; Dihexadecyl phosphate membrane; Alkali cation; Crown ether (Castaing, M. (39) 17)

Lipid non-bilayer phase

Intramolecular excimer formation; Phase transition; Fluorescence spectroscopy; Phosphatidylethanolamine; Diacylglycerol (Cheng, K.H. (39) 137)

Lipid vesicle

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Melittin

α -Lactalbumin; Ca²⁺-regulated interaction (Permyakov, E.A. (39) 111)

Frequency-domain fluorometry; Anisotropy decay; Multi-wavelength global analysis; Indole; Rotational diffusion (Lakowicz, J.R. (39) 241)

Membrane potential

Dye binding; Lipid vesicle; Fluorescence quenching; Diffusion; Kinetics (Clarke, R.J. (39) 91)

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Enzyme-cation binding; Protein conformation; Ca²⁺; Kinase C; Tryptophan (Lester, D.S. (39) 215)

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Molecular dynamics

Fluorescence; Conformational analysis; Resonance energy transfer; Frequency-domain fluorometry (Lakowicz, J.R. (39) 79)

Molecular surface area

Amphiphile; Hard core model (Popescu, D. (39) 283)

Multi-wavelength global analysis

Frequency-domain fluorometry; Anisotropy decay; Indole; Melittin; Rotational diffusion (Lakowicz, J.R. (39) 241)

Muscle contraction

Time-resolved X-ray diffraction; Skeletal muscle fiber; Aequorin; Ca²⁺ transient; Synchrotron radiation; (*Rana temporaria*) (Konishi, M. (39) 287)

NAD

Transhydrogenase; Mitochondria; NADP; CD (Persson, B. (39) 267)

NADP

Transhydrogenase; Mitochondria; NAD; CD (Persson, B. (39) 267)

Na⁺ energy profile

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NMR, ¹H-

Anthracycline antibiotic; Thermally reversible gel (Giomini, M. (39) 119)

Nucleosome

Curvature vector; DNA (Boffelli, D. (39) 127)

Oscillatory reaction

Simulation; Enzyme reaction; Dehydrogenase (Hideshima, T. (39) 171)

Osmotic pressure

Insulin; Insulin analog; Glutamine, B13-; Association (Hansen, J.F. (39) 107)

Oxygen affinity

Fetal hemoglobin; Protein-solvent interaction; Electrostatic interaction; Hydrophobic interaction (Militello, V. (39) 161)

Permeation

Cryptand; Ionizable macrocyclic compound; Dihexadecyl phosphate membrane; Alkali cation; Lipid membrane; Crown ether (Castaing, M. (39) 17)

Phase transition

Intramolecular excimer formation; Lipid non-bilayer phase; Fluorescence spectroscopy; Phosphatidylethanolamine; Diacylglycerol (Cheng, K.H. (39) 137)

Phosphatidylethanolamine

Intramolecular excimer formation; Lipid non-bilayer phase; Phase transition; Fluorescence spectroscopy; Diacylglycerol (Cheng, K.H. (39) 137)

Photooxidation

Chlorophyll; Infrared spectroscopy; Photosystem II; Protein; Submembrane fraction (Chapados, C. (39) 225)

Photosystem II

Chlorophyll; Infrared spectroscopy; Photooxidation; Protein; Submembrane fraction (Chapados, C. (39) 225)

Point mutation

Acetylcholine receptor channel; MII-helix model; Na⁺ energy profile (Furois-Corbin, S. (39) 153)

Polyelectrolyte

Extended random coil; Polypeptide; Counterion condensation theory; Titration curve (Cesàro, A. (39) 1)

Poly(L-glutamic acid); Helix-coil; Conformational transition; Counterion condensation theory (Cesàro, A. (39) 9)

Poly(L-glutamic acid)

Polyelectrolyte; Helix-coil; Conformational transition; Counterion condensation theory (Cesàro, A. (39) 9)

Polypeptide

Extended random coil; Polyelectrolyte; Counterion condensation theory; Titration curve (Cesàro, A. (39) 1)

Protein

Chlorophyll; Infrared spectroscopy; Photosystem II; Photooxidation; Submembrane fraction (Chapados, C. (39) 225)

Protein conformation

Enzyme-cation binding; Ca²⁺; Mg²⁺; Kinase C; Tryptophan (Lester, D.S. (39) 215)

Protein dynamics

Fluorescence; Anisotropy; Tyrosine; Calmodulin; Energy transfer; Ca²⁺ (Gryczynski, I. (39) 69)

Protein-solvent interaction

Fetal hemoglobin; Oxygen affinity; Electrostatic interaction; Hydrophobic interaction (Militello, V. (39) 161)

Rapid admittance analysis

Hodgkin-Huxley analysis; K⁺-channel macrokinetics; Small-signal analysis; (Squid axon) (Fishman, H.M. (39) 177)

Resonance energy transfer

Fluorescence; Molecular dynamics; Conformational analysis; Frequency-domain fluorometry (Lakowicz, J.R. (39) 79)

Rotational diffusion

Frequency-domain fluorometry; Anisotropy decay; Multi-wavelength global analysis; Indole; Melittin (Lakowicz, J.R. (39) 241)

Sequence isomer

Time-resolved excitation spectrum; Time-resolved emission spectrum; Stacked absorption; Stacked emission; Synchrotron radiation; Excited dimer (Ballini, J.-P. (39) 253)

Simulation

Oscillatory reaction; Enzyme reaction; Dehydrogenase (Hideshima, T. (39) 171)

Skeletal muscle fiber

Time-resolved X-ray diffraction; Muscle contraction; Aequorin; Ca²⁺ transient; Synchrotron radiation; (*Rana temporaria*) (Konishi, M. (39) 287)

Small-signal analysis

Hodgkin-Huxley analysis; Rapid admittance analysis; K⁺-channel macrokinetics; (Squid axon) (Fishman, H.M. (39) 177)

Stacked absorption

Time-resolved excitation spectrum; Time-resolved emission spectrum; Stacked emission; Sequence isomer; Synchrotron radiation; Excited dimer (Ballini, J.-P. (39) 253)

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Time-resolved excitation spectrum; Time-resolved emission spectrum; Stacked absorption; Sequence isomer; Synchrotron radiation; Excited dimer (Ballini, J.-P. (39) 253)

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Subtilisin BPN' catalysis

Viscosity coupling; Structural fluctuation; Chemical dynamics (Ng, K. (39) 57)

Synchrotron radiation

Time-resolved excitation spectrum; Time-resolved emission spectrum; Stacked absorption; Stacked emission; Sequence isomer; Excited dimer (Ballini, J.-P. (39) 253)

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Thermally reversible gel

Anthracycline antibiotic; NMR, ^1H - (Giomini, M. (39) 119)

Thermodynamics

Ion binding; Electrical double layer; Linkage relation; Binding polynomial; Esin-Markov coefficient; Bovine serum albumin (Fraaije, J.G.E.M. (39) 31)

Calmodulin; Calmodulin fragment; Microcalorimetry; Ca^{2+} binding; Ionic strength effect (Sellers, P. (39) 199)

Time-resolved emission spectrum

Time-resolved excitation spectrum; Stacked absorption; Stacked emission; Sequence isomer; Synchrotron radiation; Excited dimer (Ballini, J.-P. (39) 253)

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Time-resolved emission spectrum; Stacked absorption; Stacked emission; Sequence isomer; Synchrotron radiation; Excited dimer (Ballini, J.-P. (39) 253)

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Muscle contraction; Skeletal muscle fiber; Aequorin; Ca^{2+}

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Extended random coil; Polypeptide; Polyelectrolyte; Counterion condensation theory (Cesàro, A. (39) 1)

Transhydrogenase

Mitochondria; NADP; NAD; CD (Persson, B. (39) 267)

Tryptophan

Enzyme-cation binding; Protein conformation; Ca^{2+} ; Mg^{2+} ; Kinase C (Lester, D.S. (39) 215)

Tyrosine

Fluorescence; Anisotropy; Calmodulin; Protein dynamics; Energy transfer; Ca^{2+} (Gryczynski, I. (39) 69)

Viscosity coupling

Structural fluctuation; Chemical dynamics; Subtilisin BPN' catalysis (Ng, K. (39) 57)

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